VACUSERA

PRODUCT CATALOGUE

disera

RESULTS OF THE SCIENTIFIC PROCESS

VACUSERA

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ABOUT US

Disera was founded in 1996 in Izmir, Turkey, initially focusing on the production of laboratory consumables. Today, Disera is one of the leading international companies in the industry, specializing in the production and development of blood collection tubes, blood collection accessories, urine collection systems, and PRP products. Additionally, Disera is active in the laboratory diagnostics sector within its domestic market.

For us as a company, patient comfort and the safety of healthcare workers come first. Our core value proposition with our products and services is to improve the overall standard of living and health of communities worldwide.

Quality has remained a top priority since the foundation of our company, and all our production sites are committed to the same high standard. All products have the CE mark, and the entire production operation is carried out in accordance with ISO 13485:2016 Quality Management Systems, ISO 14001:2015 Environmental Management Systems and Good Manufacturing Practice (GMP) certificate.

We are dedicated to continuous innovation and research. Additionally, our corporate social responsibility initiatives contribute to the community, enhancing our role as a socially responsible organization.

OUR MISSION

Our mission is to design and manufacture environmentally sustainable, safe and high-quality medical products that comply with all relevant regulations. We are committed to prioritizing customer satisfaction through a customer-oriented approach and engaging with communities and stakeholders to address their needs.

By integrating innovative technologies and continuous research into our product design and production processes, we strive to enhance the quality of life and improve community health standards. Additionally, we are committed to the well-being and development of our employees and to adhering to ethical business practices.

OUR VISION

Our vision is to become one of the leading companies in the healthcare sector, adding significant value to healthcare services worldwide. We embrace innovation and a culture of excellence.

By producing high-quality products, we aim to enhance patient quality of life and ensure healthcare professionals can confidently use our products. We prioritize sustainability principles to ensure a safer world for future generations and emphasize the importance of collaborations and partnerships to advance healthcare standards.

RESEARCH and DEVELOPMENT

Tracking innovations continuously and offering the most suitable products for customers.

PRODUCTION

Disera Tıbbi Malzeme Lojistik Sanayi ve Ticaret A.Ş having the knowledge and experience on providing quality and technical products in the medical sector, combined with the needs of the healthcare industry innovative product solutions and offers production activities according to the ISO 13485:2016 quality standards.

Vacusera Blood Collection Tubes are CE marked according to 98/79/EC In Vitro Diagnostic devices.

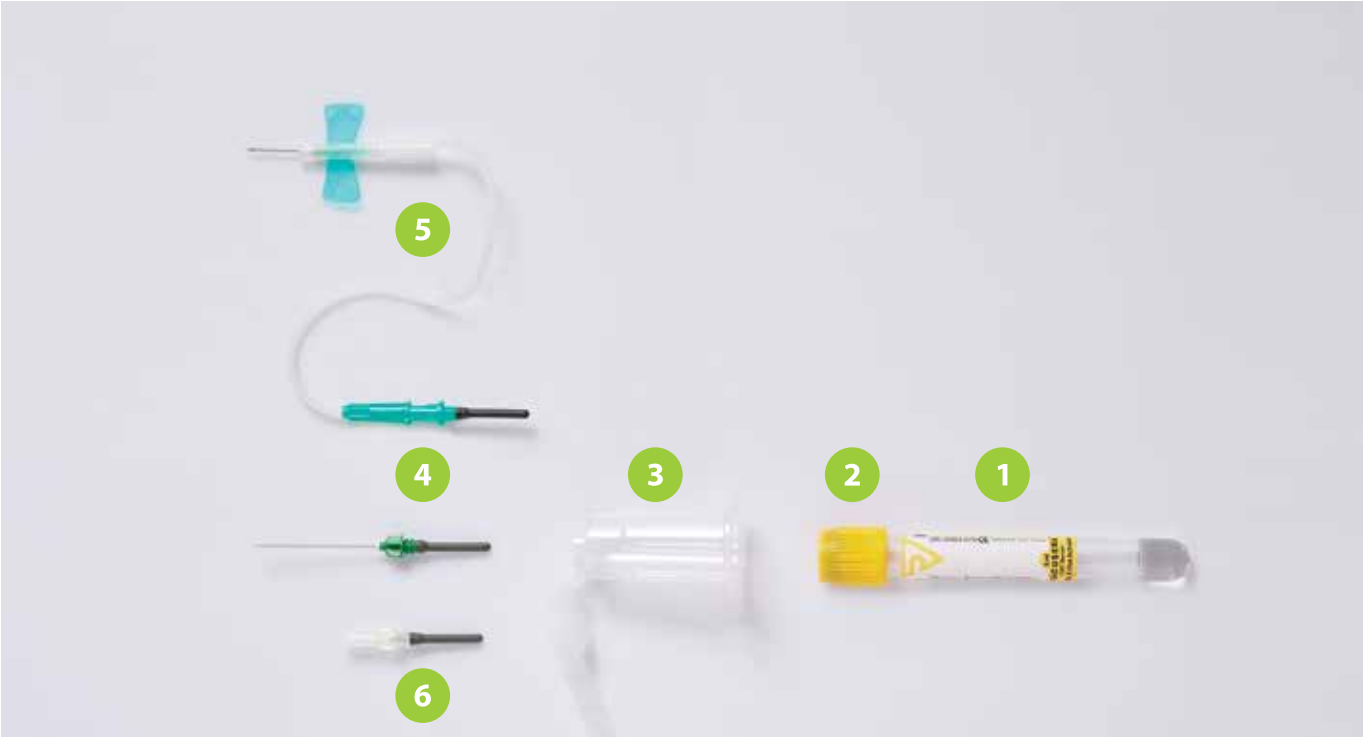
Vacusera Blood Collection Tubes are produced to the related standards of ISO 6710.

Vacusera Blood Collection Needles are CE certified and manufactured according to 93/42/EEC directives.

Consistent with a constantly updated technology infrastructure and experienced staff, and also the production quality assurance norms are shaped by different national and international guidelines provide the high quality level of products of Disera.

VACUSERA BLOOD COLLECTION SYSTEMS

In an increased automation environment in the diagnostic laboratory field and higher standards require a continuous performance of the blood collection systems. Vacusera Blood Collection Tubes, Vacusera Blood Collection Needles and Accessories are designed according to fulfill the requirements of blood collection procedures, patient's comfort and user's safety.



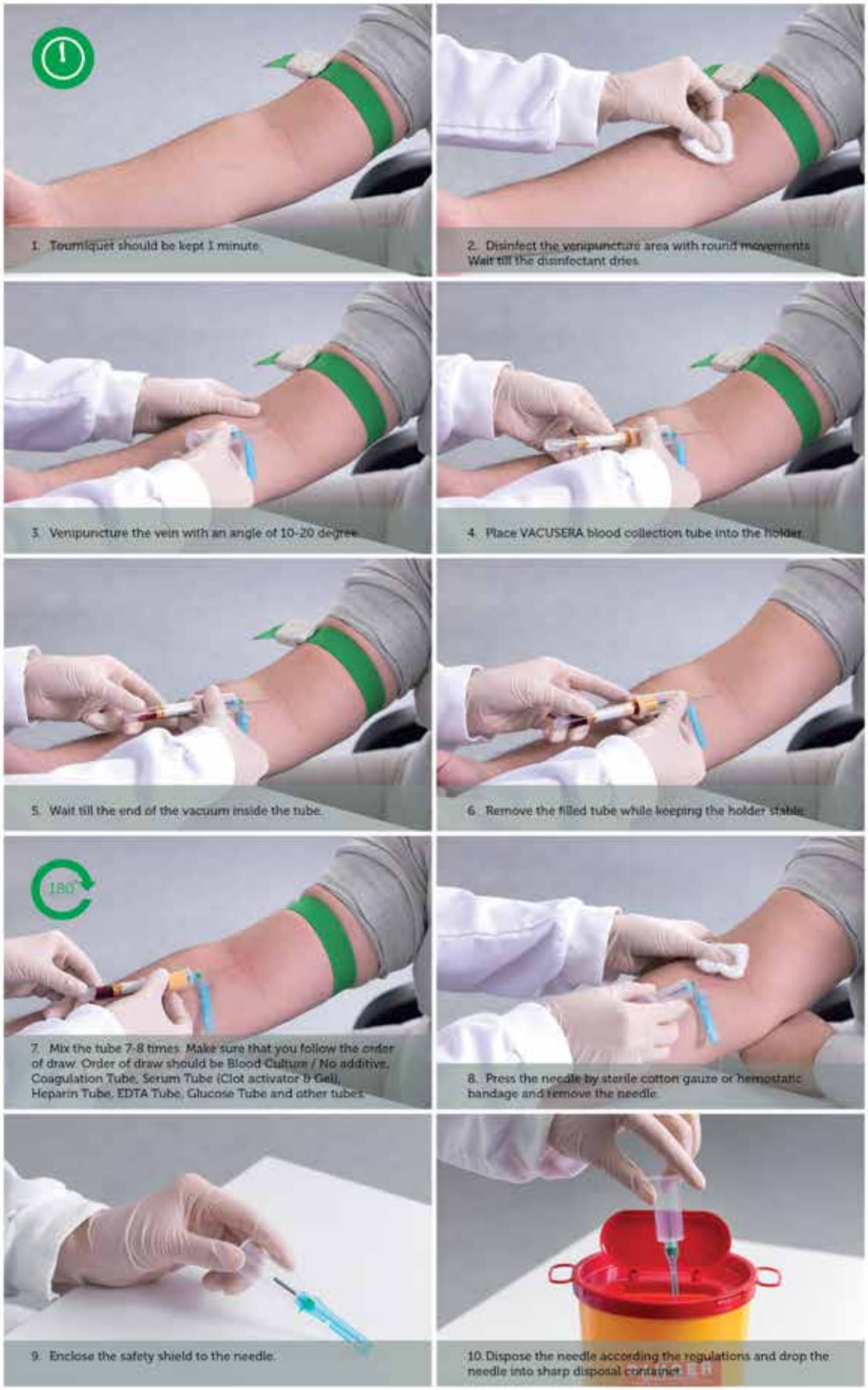
NUMBER	VACUSERA BLOOD COLLECTION COMPONENTS
1	Vacusera Blood Collection Tube
2	Safety Cap
3	Vacusera Safety Holder
4	Vacusera Blood Collection Needle
5	Vacusera Safety Blood Collection Set with Safety Shield
6	Vacusera Luer Adapter

LETTER CODE	ADDITIVE
K2E	EDTA Dipotassium Salt
K3E	EDTA Tripotassium Salt
9NC	Trisodium Citrate 9:1
4NC	Trisodium Citrate 4:1
FE	Sodium Fluoride / EDTA
FX	Sodium Fluoride/Potassium Oxalate
LH	Lithium Heparin
NH	Sodium Heparin
Z	None
CAT	Clot Activator / Clot Activator with Gel
CTAD	Buffered Citrate 0.109 M
ACD-A	ACD-A Solution A
ACD-B	ACD-B Solution B

VACUSERA BLOOD COLLECTION SYSTEM LABELLING SYMBOLS

- Do Not Reuse
- Use By-Date
- LOT — Batch Code
- REF — Reference Number
- Date of Manufacture
- Manufacturer
- Keep away from sunlight
- Do not use if package is damaged
- Keep Dry
- Non-pyrogenic
- PHT DEHP — Phthalate Free
- Single sterile barrier system with protective packaging outside
- STERILE EO — Sterilized Using Ethylene oxide
- STERILE R — Sterilized Using Irradiation
- CE — CE Mark
- IVD — In Vitro Diagnostic Medical Device
- Consult Instructions for Use
- Temperature Limit
- LATEX — Latex free
- STERILIZE — Do not Resterilize
- Caution
- NON STERILE — Non-Sterile
- MD — Medical Device
- Single Sterile Barrier System

BLOOD COLLECTION STEPS



VACUSERA

VACUSERA BLOOD COLLECTION TUBES

Vacusera Blood Collection Tubes are made of unbreakable PET tube, butyl rubber stopper and polyethylene cap. We offer medical paper labeled tubes, transparent labeled tubes and also pre-barcoded tubes. All components of Vacusera Blood Collection Systems improve patient's comfort, help safe and quality blood collection and also reliable test results.

PAPER LABELED TUBES

TRANSPARENT LABELED TUBES

PRE-BARCODED TUBES

VACUSERA SERUM CLOT ACTIVATOR TUBES

Vacusera Serum Clot Activator Tubes are used for clinical biochemistry and immunology. The inner wall of the Serum Clot Activator Tube is specially coated with clot activator, which activate coagulation process.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234201	VACUSERA 1 ml CAT Serum Clot Activator	1	13 x 75	Clot Activator	18 months	Paper	100/1200	●
234202	VACUSERA 2 ml CAT Serum Clot Activator	2	13 x 75	Clot Activator	18 months	Paper	100/1200	●
234203	VACUSERA 3 ml CAT Serum Clot Activator	3	13 x 75	Clot Activator	18 months	Paper	100/1200	●
234204	VACUSERA 4 ml CAT Serum Clot Activator	4	13 x 75	Clot Activator	18 months	Paper	100/1200	●
235206	VACUSERA 6 ml CAT Serum Clot Activator	6	13 x 100	Clot Activator	18 months	Paper	100/1200	●
236209	VACUSERA 9 ml CAT Serum Clot Activator	9	16 x 100	Clot Activator	18 months	Paper	100/1200	●
236200	VACUSERA 10 ml CAT Serum Clot Activator	10	16 x 100	Clot Activator	18 months	Paper	100/1200	●
434201	VACUSERA 1 ml CAT Serum Clot Activator	1	13 x 75	Clot Activator	18 months	Transparent	100/1200	●
434202	VACUSERA 2 ml CAT Serum Clot Activator	2	13 x 75	Clot Activator	18 months	Transparent	100/1200	●
434203	VACUSERA 3 ml CAT Serum Clot Activator	3	13 x 75	Clot Activator	18 months	Transparent	100/1200	●
434204	VACUSERA 4 ml CAT Serum Clot Activator	4	13 x 75	Clot Activator	18 months	Transparent	100/1200	●
435206	VACUSERA 6 ml CAT Serum Clot Activator	6	13 x 100	Clot Activator	18 months	Transparent	100/1200	●
436209	VACUSERA 9 ml CAT Serum Clot Activator	9	16 x 100	Clot Activator	18 months	Transparent	100/1200	●
436200	VACUSERA 10 ml CAT Serum Clot Activator	10	16 x 100	Clot Activator	18 months	Transparent	100/1200	●

VACUSERA

VACUSERA SERUM GEL AND CLOT ACTIVATOR TUBES

Vacusera Serum Separator Tubes contain inert gel; during centrifugation, gel forms a stable barrier between serum and blood cells.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234302	VACUSERA 2 ml CAT Serum GEL and Clot Activator	2	13 x 75	GEL + Clot Activator	18 months	Paper	100/1200	
234304	VACUSERA 2.5 ml CAT Serum GEL and Clot Activator	2.5	13 x 75	GEL + Clot Activator	18 months	Paper	100/1200	
234303	VACUSERA 3.5 ml CAT Serum GEL and Clot Activator	3.5	13 x 75	GEL + Clot Activator	18 months	Paper	100/1200	
235304	VACUSERA 4 ml CAT Serum GEL and Clot Activator	4	13 x 100	GEL + Clot Activator	18 months	Paper	100/1200	
235305	VACUSERA 5 ml CAT Serum GEL and Clot Activator	5	13 x 100	GEL + Clot Activator	18 months	Paper	100/1200	
236308	VACUSERA 8 ml CAT Serum GEL and Clot Activator	8	16 x 100	GEL + Clot Activator	18 months	Paper	100/1200	
236309	VACUSERA 9 ml CAT Serum GEL and Clot Activator	9	16 x 100	GEL + Clot Activator	18 months	Paper	100/1200	
434302	VACUSERA 2 ml CAT Serum GEL and Clot Activator	2	13 x 75	GEL + Clot Activator	18 months	Transparent	100/1200	
434304	VACUSERA 2.5 ml CAT Serum GEL and Clot Activator	2.5	13 x 75	GEL + Clot Activator	18 months	Transparent	100/1200	
434303	VACUSERA 3.5 ml CAT Serum GEL and Clot Activator	3.5	13 x 75	GEL + Clot Activator	18 months	Transparent	100/1200	
435304	VACUSERA 4 ml CAT Serum GEL and Clot Activator	4	13 x 100	GEL + Clot Activator	18 months	Transparent	100/1200	
435305	VACUSERA 5 ml CAT Serum GEL and Clot Activator	5	13 x 100	GEL + Clot Activator	18 months	Transparent	100/1200	
436308	VACUSERA 8 ml CAT Serum GEL and Clot Activator	8	16 x 100	GEL + Clot Activator	18 months	Transparent	100/1200	
436309	VACUSERA 9 ml CAT Serum GEL and Clot Activator	9	16 x 100	GEL + Clot Activator	18 months	Transparent	100/1200	

VACUSERA THROMBIN BASED SERUM GEL TUBES

Vacusera thrombin based serum tubes provide rapid blood clotting by means of thrombin based clot activator and allow rapid serum separation together with the inert gel in the tubes.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
235315	VACUSERA 5 ml CAT Serum GEL and Thrombin	5	13 x 100	GEL + Clot Activator + Thrombin	12 months	Paper	100/1200	
435315	VACUSERA 5 ml CAT Serum GEL and Thrombin	5	13 x 100	GEL + Clot Activator + Thrombin	12 months	Transparent	100/1200	

VACUSERA K2EDTA TUBES

Vacusera K2EDTA Tubes are for examination of whole blood in haematology. K2EDTA and GEL is mainly used for molecular diagnostics.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234601	VACUSERA 1 ml K2E/K2EDTA	1	13 x 75	K2E K2EDTA	18 months	Paper	100/1200	●
234602	VACUSERA 2 ml K2E/K2EDTA	2	13 x 75	K2E K2EDTA	18 months	Paper	100/1200	●
234603	VACUSERA 3 ml K2E/K2EDTA	3	13 x 75	K2E K2EDTA	18 months	Paper	100/1200	●
234604	VACUSERA 4 ml K2E/K2EDTA	4	13 x 75	K2E K2EDTA	18 months	Paper	100/1200	●
234605	VACUSERA 4.5 ml K2E/K2EDTA	4.5	13 x 75	K2E K2EDTA	18 months	Paper	100/1200	●
235606	VACUSERA 6 ml K2E/K2EDTA	6	13 x 100	K2E K2EDTA	18 months	Paper	100/1200	●
236609	VACUSERA 9 ml K2E/K2EDTA	9	16 x 100	K2E K2EDTA	18 months	Paper	100/1200	●
434601	VACUSERA 1 ml K2E/K2EDTA	1	13 x 75	K2E K2EDTA	18 months	Transparent	100/1200	●
434602	VACUSERA 2 ml K2E/K2EDTA	2	13 x 75	K2E K2EDTA	18 months	Transparent	100/1200	●
434603	VACUSERA 3 ml K2E/K2EDTA	3	13 x 75	K2E K2EDTA	18 months	Transparent	100/1200	●
434604	VACUSERA 4 ml K2E/K2EDTA	4	13 x 75	K2E K2EDTA	18 months	Transparent	100/1200	●
434605	VACUSERA 4.5 ml K2E/K2EDTA	4.5	13 x 75	K2E K2EDTA	18 months	Transparent	100/1200	●
435606	VACUSERA 6 ml K2E/K2EDTA	6	13 x 100	K2E K2EDTA	18 months	Transparent	100/1200	●
436609	VACUSERA 9 ml K2E/K2EDTA	9	16 x 100	K2E K2EDTA	18 months	Transparent	100/1200	●
234623	VACUSERA 3 ml K2E/K2EDTA + GEL	3	13 x 75	GEL + K2E K2EDTA	18 months	Paper	100/1200	●
235625	VACUSERA 5 ml K2E/K2EDTA + GEL	5	13 x 100	GEL + K2E K2EDTA	18 months	Paper	100/1200	●
236628	VACUSERA 8 ml K2E/K2EDTA + GEL	8	16 x 100	GEL + K2E K2EDTA	18 months	Paper	100/1200	●
434623	VACUSERA 3 ml K2E/K2EDTA + GEL	3	13 x 75	GEL + K2E K2EDTA	18 months	Transparent	100/1200	●
435625	VACUSERA 5 ml K2E/K2EDTA + GEL	5	13 x 100	GEL + K2E K2EDTA	18 months	Transparent	100/1200	●
436628	VACUSERA 8 ml K2E/K2EDTA + GEL	8	16 x 100	GEL + K2E K2EDTA	18 months	Transparent	100/1200	●

VACUSERA K3EDTA TUBES

Vacusera K3EDTA Tubes are for examination of whole blood in haematology.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234611	VACUSERA 1 ml K3E/K3EDTA	1	13 x 75	K3E K3EDTA	18 months	Paper	100/1200	●
234612	VACUSERA 2 ml K3E/K3EDTA	2	13 x 75	K3E K3EDTA	18 months	Paper	100/1200	●
234613	VACUSERA 3 ml K3E/K3EDTA	3	13 x 75	K3E K3EDTA	18 months	Paper	100/1200	●
234614	VACUSERA 4 ml K3E/K3EDTA	4	13 x 75	K3E K3EDTA	18 months	Paper	100/1200	●
234615	VACUSERA 4.5 ml K3E/K3EDTA	4.5	13 x 75	K3E K3EDTA	18 months	Paper	100/1200	●
235616	VACUSERA 6 ml K3E/K3EDTA	6	13 x 100	K3E K3EDTA	18 months	Paper	100/1200	●
236619	VACUSERA 9 ml K3E/K3EDTA	9	16 x 100	K3E K3EDTA	18 months	Paper	100/1200	●
434611	VACUSERA 1 ml K3E/K3EDTA	1	13 x 75	K3E K3EDTA	18 months	Transparent	100/1200	●
434612	VACUSERA 2 ml K3E/K3EDTA	2	13 x 75	K3E K3EDTA	18 months	Transparent	100/1200	●
434613	VACUSERA 3 ml K3E/K3EDTA	3	13 x 75	K3E K3EDTA	18 months	Transparent	100/1200	●
434614	VACUSERA 4 ml K3E/K3EDTA	4	13 x 75	K3E K3EDTA	18 months	Transparent	100/1200	●
434615	VACUSERA 4.5 ml K3E/K3EDTA	4.5	13 x 75	K3E K3EDTA	18 months	Transparent	100/1200	●
435616	VACUSERA 6 ml K3E/K3EDTA	6	13 x 100	K3E K3EDTA	18 months	Transparent	100/1200	●
436619	VACUSERA 9 ml K3E/K3EDTA	9	16 x 100	K3E K3EDTA	18 months	Transparent	100/1200	●

VACUSERA K3E/K3EDTA + APROTININ TUBES

Vacusera K3EDTA + Aprotinin tubes allow us to work ACTH tests in room temperature.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234654	VACUSERA 4 ml K3E/K3EDTA + Aprotinin	4	13 x 75	K3E/K3EDTA + Aprotinin	12 months	Paper	100/1200	●
235656	VACUSERA 6 ml K3E/K3EDTA + Aprotinin	6	13 x 100	K3E/K3EDTA + Aprotinin	12 months	Paper	100/1200	●
434654	VACUSERA 4 ml K3E/K3EDTA + Aprotinin	4	13 x 75	K3E/K3EDTA + Aprotinin	12 months	Transparent	100/1200	●
435656	VACUSERA 6 ml K3E/K3EDTA + Aprotinin	6	13 x 100	K3E/K3EDTA + Aprotinin	12 months	Transparent	100/1200	●

VACUSERA COAGULATION TUBES

Vacusera Coagulation Tubes are used for blood coagulation tests. Coagulation Tubes have a buffered sodium citrate solution of 0.109 mol/l (3.2%) or 0.129 mol/l (3.8 %). Double Tube (*DT) technology provides an excellent condition for coagulation tests.

VACUSERA 9NC COAGULATION SODIUM CITRATE **3.2%**

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack /Carton	Cap Colour
234501	VACUSERA 1 ml Coagulation 3.2% Sodium Citrate - DT	1	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	9 months	Paper	100/1200	
234502	VACUSERA 1.8 ml Coagulation 3.2% Sodium Citrate - DT	1.8	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	9 months	Paper	100/1200	
234503	VACUSERA 2.7 ml Coagulation 3.2% Sodium Citrate - DT	2.7	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	9 months	Paper	100/1200	
234504	VACUSERA 3.6 ml Coagulation 3.2% Sodium Citrate	3.6	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	4 months	Paper	100/1200	
234505	VACUSERA 4.5 ml Coagulation 3.2% Sodium Citrate	4.5	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	4 months	Paper	100/1200	
235505	VACUSERA 5 ml Coagulation 3.2% Sodium Citrate	5	13 x 100	9NC Sodium Citrate 3.2%(0.109M)	4 months	Paper	100/1200	
434501	VACUSERA 1 ml Coagulation 3.2% Sodium Citrate - DT	1	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	9 months	Transparent	100/1200	
434502	VACUSERA 1.8 ml Coagulation 3.2% Sodium Citrate - DT	1.8	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	9 months	Transparent	100/1200	
434503	VACUSERA 2.7 ml Coagulation 3.2% Sodium Citrate - DT	2.7	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	9 months	Transparent	100/1200	
434504	VACUSERA 3.6 ml Coagulation 3.2% Sodium Citrate	3.6	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	4 months	Transparent	100/1200	
434505	VACUSERA 4.5 ml Coagulation 3.2% Sodium Citrate	4.5	13 x 75	9NC Sodium Citrate 3.2%(0.109M)	4 months	Transparent	100/1200	
435505	VACUSERA 5 ml Coagulation 3.2% Sodium Citrate	5	13 x 100	9NC Sodium Citrate 3.2%(0.109M)	4 months	Transparent	100/1200	

VACUSERA 9NC COAGULATION SODIUM CITRATE **3.8%**

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack /Carton	Cap Colour
234511	VACUSERA 1 ml Coagulation 3.8% Sodium Citrate - DT	1	13 x 75	9NC Sodium Citrate %3.8(0.129M)	9 months	Paper	100/1200	
234512	VACUSERA 1.8 ml Coagulation 3.8% Sodium Citrate - DT	1.8	13 x 75	9NC Sodium Citrate %3.8(0.129M)	9 months	Paper	100/1200	
234513	VACUSERA 2.7 ml Coagulation 3.8% Sodium Citrate - DT	2.7	13 x 75	9NC Sodium Citrate %3.8(0.129M)	9 months	Paper	100/1200	
234514	VACUSERA 3.6 ml Coagulation 3.8% Sodium Citrate	3.6	13 x 75	9NC Sodium Citrate %3.8(0.129M)	4 months	Paper	100/1200	
234515	VACUSERA 4.5 ml Coagulation 3.8% Sodium Citrate	4.5	13 x 75	9NC Sodium Citrate %3.8(0.129M)	4 months	Paper	100/1200	
235515	VACUSERA 5 ml Coagulation 3.8% Sodium Citrate	5	13 x 100	9NC Sodium Citrate %3.8(0.129M)	4 months	Paper	100/1200	
434511	VACUSERA 1 ml Coagulation 3.8% Sodium Citrate - DT	1	13 x 75	9NC Sodium Citrate %3.8(0.129M)	9 months	Transparent	100/1200	
434512	VACUSERA 1.8 ml Coagulation 3.8% Sodium Citrate - DT	1.8	13 x 75	9NC Sodium Citrate %3.8(0.129M)	9 months	Transparent	100/1200	
434513	VACUSERA 2.7 ml Coagulation 3.8% Sodium Citrate - DT	2.7	13 x 75	9NC Sodium Citrate %3.8(0.129M)	9 months	Transparent	100/1200	
434514	VACUSERA 3.6 ml Coagulation 3.8% Sodium Citrate	3.6	13 x 75	9NC Sodium Citrate %3.8(0.129M)	4 months	Transparent	100/1200	
434515	VACUSERA 4.5 ml Coagulation 3.8% Sodium Citrate	4.5	13 x 75	9NC Sodium Citrate %3.8(0.129M)	4 months	Transparent	100/1200	
435515	VACUSERA 5 ml Coagulation 3.8% Sodium Citrate	5	13 x 100	9NC Sodium Citrate %3.8(0.129M)	4 months	Transparent	100/1200	

***DT: Double Tube**

VACUSERA CTAD TUBES

Vacusera CTAD Tubes are used for coagulation tests. Buffered Citrate Solution consists Theophylline Adenosine, Dipyridamole. CTAD Tubes are used for reliable test results by preventing activation of in vitro thrombocyte.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack /Carton	Cap Colour
234522	VACUSERA 1.8 ml CTAD - DT	1.8	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	9 months	Paper	100/1200	
234523	VACUSERA 2.7 ml CTAD - DT	2.7	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	9 months	Paper	100/1200	
234524	VACUSERA 3.6 ml CTAD	3.6	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	4 months	Paper	100/1200	
234525	VACUSERA 4.5 ml CTAD	4.5	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	4 months	Paper	100/1200	
434522	VACUSERA 1.8 ml CTAD - DT	1.8	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	9 months	Transparent	100/1200	
434523	VACUSERA 2.7 ml CTAD - DT	2.7	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	9 months	Transparent	100/1200	
434524	VACUSERA 3.6 ml CTAD	3.6	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	4 months	Transparent	100/1200	
434525	VACUSERA 4.5 ml CTAD	4.5	13 x 75	Buffered Sodium Citrate 3.2% (0.109)	4 months	Transparent	100/1200	

DT: Double Tube

VACUSERA HEPARIN TUBES

Vacusera Heparin Tubes are coated with Lithium Heparin or Sodium Heparin to inhibit clotting. Sodium Heparin or Lithium Heparin Tubes are used for plasma determinations in clinical chemistry. Heparin Tubes are also available with gel separator.

VACUSERA LH LITHIUM HEPARIN TUBES

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack /Carton	Cap Colour
234402	VACUSERA 2 ml LH/Lithium Heparin	2	13 x 75	LH/Lithium Heparin	18 months	Paper	100/1200	●
234404	VACUSERA 4 ml LH/Lithium Heparin	4	13 x 75	LH/Lithium Heparin	18 months	Paper	100/1200	●
235406	VACUSERA 6 ml LH/Lithium Heparin	6	13 x 100	LH/Lithium Heparin	18 months	Paper	100/1200	●
236409	VACUSERA 9 ml LH/Lithium Heparin	9	16 x 100	LH/Lithium Heparin	18 months	Paper	100/1200	●
434402	VACUSERA 2 ml LH/Lithium Heparin	2	13 x 75	LH/Lithium Heparin	18 months	Transparent	100/1200	●
434404	VACUSERA 4 ml LH/Lithium Heparin	4	13 x 75	LH/Lithium Heparin	18 months	Transparent	100/1200	●
435406	VACUSERA 6 ml LH/Lithium Heparin	6	13 x 100	LH/Lithium Heparin	18 months	Transparent	100/1200	●
436409	VACUSERA 9 ml LH/Lithium Heparin	9	16 x 100	LH/Lithium Heparin	18 months	Transparent	100/1200	●
234413	VACUSERA 3 ml LH/Lithium Heparin + GEL	3	13 x 75	GEL + LH/Lithium Heparin	18 months	Paper	100/1200	●
235415	VACUSERA 5 ml LH/Lithium Heparin + GEL	5	13 x 100	GEL + LH/Lithium Heparin	18 months	Paper	100/1200	●
236418	VACUSERA 8 ml LH/Lithium Heparin + GEL	8	16 x 100	GEL + LH/Lithium Heparin	18 months	Paper	100/1200	●
434413	VACUSERA 3 ml LH/Lithium Heparin + GEL	3	13 x 75	GEL + LH/Lithium Heparin	18 months	Transparent	100/1200	●
435415	VACUSERA 5 ml LH/Lithium Heparin + GEL	5	13 x 100	GEL + LH/Lithium Heparin	18 months	Transparent	100/1200	●
436418	VACUSERA 8 ml LH/Lithium Heparin + GEL	8	16 x 100	GEL + LH/Lithium Heparin	18 months	Transparent	100/1200	●

VACUSERA

VACUSERA NH SODIUM HEPARIN TUBES

Vacusera Sodium Heparin Tubes are used for plasma determinations in clinical chemistry.

VACUSERA NH SODIUM HEPARIN

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack /Carton	Cap Colour
234424	VACUSERA 4 ml NH/Sodium Heparin	4	13 x 75	NH/Sodium Heparin	18 months	Paper	100/1200	●
235426	VACUSERA 6 ml NH/Sodium Heparin	6	13 x 100	NH/Sodium Heparin	18 months	Paper	100/1200	●
236429	VACUSERA 9 ml NH/Sodium Heparin	9	16 x 100	NH/Sodium Heparin	18 months	Paper	100/1200	●
434424	VACUSERA 4 ml NH/Sodium Heparin	4	13 x 75	NH/Sodium Heparin	18 months	Transparent	100/1200	●
435426	VACUSERA 6 ml NH/Sodium Heparin	6	13 x 100	NH/Sodium Heparin	18 months	Transparent	100/1200	●
436429	VACUSERA 9 ml NH/Sodium Heparin	9	16 x 100	NH/Sodium Heparin	18 months	Transparent	100/1200	●
234433	VACUSERA 3 ml NH/Sodium Heparin + GEL	3	13 x 75	GEL + Sodium Heparin	18 months	Paper	100/1200	●
235435	VACUSERA 5 ml NH/Sodium Heparin + GEL	5	13 x 100	GEL + Sodium Heparin	18 months	Paper	100/1200	●
236438	VACUSERA 8 ml NH/Sodium Heparin + GEL	8	16 x 100	GEL + Sodium Heparin	18 months	Paper	100/1200	●
434433	VACUSERA 3 ml NH/Sodium Heparin + GEL	3	13 x 75	GEL + Sodium Heparin	18 months	Transparent	100/1200	●
435435	VACUSERA 5 ml NH/Sodium Heparin + GEL	5	13 x 100	GEL + Sodium Heparin	18 months	Transparent	100/1200	●
436438	VACUSERA 8 ml NH/Sodium Heparin + GEL	8	16 x 100	GEL + Sodium Heparin	18 months	Transparent	100/1200	●

VACUSERA NO ADDITIVE TUBES

VACUSERA no additive tubes are used in determinations for clinical chemistry and hormones, microbiological serology, and immunology. VACUSERA no additive tubes do not contain any additive but are evacuated and the interior is sterile. They can be used as discard tubes or for the collection of blood.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234102	VACUSERA 2 ml Z No Additive	2	13 x 75	No Additive	18 months	Paper	100/1200	◯
234104	VACUSERA 4 ml Z No Additive	4	13 x 75	No Additive	18 months	Paper	100/1200	◯
235106	VACUSERA 6 ml Z No Additive	6	13 x 100	No Additive	18 months	Paper	100/1200	◯
236109	VACUSERA 9 ml Z No Additive	9	16 x 100	No Additive	18 months	Paper	100/1200	◯
236100	VACUSERA 10 ml Z No Additive	10	16 x 100	No Additive	18 months	Paper	100/1200	◯
434102	VACUSERA 2 ml Z No Additive	2	13 x 75	No Additive	18 months	Transparent	100/1200	◯
434104	VACUSERA 4 ml Z No Additive	4	13 x 75	No Additive	18 months	Transparent	100/1200	◯
435106	VACUSERA 6 ml Z No Additive	6	13 x 100	No Additive	18 months	Transparent	100/1200	◯
436109	VACUSERA 9 ml Z No Additive	9	16 x 100	No Additive	18 months	Transparent	100/1200	◯
436100	VACUSERA 10 ml Z No Additive	10	16 x 100	No Additive	18 months	Transparent	100/1200	◯

VACUSERA ACD-A & ACD-B TUBES

Vacusera Blood Grouping Tubes contain 2 formulations as ACD-A & ACD-B solutions and are used in Blood Grouping.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
235726	VACUSERA 6 ML ACD-A	6	13 x 100	ACD-A	12 months	Paper	100/1200	
236729	VACUSERA 9 ML ACD-A	9	16 x 100	ACD-A	12 months	Paper	100/1200	
235736	VACUSERA 6 ML ACD-B	6	13 x 100	ACD-B	12 months	Paper	100/1200	
236739	VACUSERA 9 ML ACD-B	9	16 x 100	ACD-B	12 months	Paper	100/1200	
435726	VACUSERA 6 ML ACD-A	6	13 x 100	ACD-A	12 months	Transparent	100/1200	
436729	VACUSERA 9 ML ACD-A	9	16 x 100	ACD-A	12 months	Transparent	100/1200	
435736	VACUSERA 6 ML ACD-B	6	13 x 100	ACD-B	12 months	Transparent	100/1200	
436739	VACUSERA 9 ML ACD-B	9	16 x 100	ACD-B	12 months	Transparent	100/1200	

VACUSERA TRACE ELEMENT TUBES

Vacusera Trace Element tubes are used for determining the elements of Iron, Zinc, Copper, Mercury and Lead. Tubes consist Clot Activator, K2EDTA or Sodium Heparin.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
235006	VACUSERA 6 ml Trace Element CAT Serum Clot Activator	6	13 x 100	Clot Activator	18 months	Paper	100/1200	●
235016	VACUSERA 6 ml Trace Element NH/Sodium Heparin	6	13 x 100	Sodium Heparin	18 months	Paper	100/1200	●
235026	VACUSERA 6 ml Trace Element K2E/K2EDTA	6	13 x 100	K2EDTA	18 months	Paper	100/1200	●
435006	VACUSERA 6 ml Trace Element CAT Serum Clot Activator	6	13 x 100	Clot Activator	18 months	Transparent	100/1200	●
435016	VACUSERA 6 ml Trace Element NH/Sodium Heparin	6	13 x 100	Sodium Heparin	18 months	Transparent	100/1200	●
435026	VACUSERA 6 ml Trace Element K2E/K2EDTA	6	13 x 100	K2EDTA	18 months	Transparent	100/1200	●

VACUSERA CROSSMATCH TUBES

Vacusera Crossmatch tubes contain silica particles as clot activator and K2EDTA / K3EDTA as anticoagulant.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
235216	VACUSERA 6 ml Crossmatch CAT Serum Clot Activator	6	13 x 100	Clot Activator	18 months	Paper	100/1200	●
236219	VACUSERA 9 ml Crossmatch CAT Serum Clot Activator	9	16 x 100	Clot Activator	18 months	Paper	100/1200	●
234634	VACUSERA 4 ml Crossmatch K2E/K2EDTA	4	13 x 75	K2EDTA	18 months	Paper	100/1200	●
235636	VACUSERA 6 ml Crossmatch K2E/K2EDTA	6	13 x 100	K2EDTA	18 months	Paper	100/1200	●
234644	VACUSERA 4 ml Crossmatch K3E/K3EDTA	4	13 x 75	K3EDTA	18 months	Paper	100/1200	●
235646	VACUSERA 6 ml Crossmatch K3E/K3EDTA	6	13 x 100	K3EDTA	18 months	Paper	100/1200	●
435216	VACUSERA 6 ml Crossmatch CAT Serum Clot Activator	6	13 x 100	Clot Activator	18 months	Transparent	100/1200	●
436219	VACUSERA 9 ml Crossmatch CAT Serum Clot Activator	9	16 x 100	Clot Activator	18 months	Transparent	100/1200	●
434634	VACUSERA 4 ml Crossmatch K2E/K2EDTA	4	13 x 75	K2EDTA	18 months	Transparent	100/1200	●
435636	VACUSERA 6 ml Crossmatch K2E/K2EDTA	6	13 x 100	K2EDTA	18 months	Transparent	100/1200	●
434644	VACUSERA 4 ml Crossmatch K3E/K3EDTA	4	13 x 75	K3EDTA	18 months	Transparent	100/1200	●
435646	VACUSERA 6 ml Crossmatch K3E/K3EDTA	6	13 x 100	K3EDTA	18 months	Transparent	100/1200	●

VACUSERA GLUCOSE TUBES

Vacusera Glucose Tubes contain Sodium Fluoride and K3EDTA, Sodium Fluoride and Potassium Oxalate and also Sodium Fluoride + Na2 Edta. Glucose tubes are used for glucose determinations like blood sugar, sugar tolerance, etanol and alcohol ratio in blood.

VACUSERA FE/SODIUM FLUORIDE + K3EDTA

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234702	VACUSERA 2 ml FE/Sodium Fluoride + K3EDTA	2	13 x 75	FE/Sodium Fluoride + K3EDTA	18 months	Paper	100/1200	●
234704	VACUSERA 4 ml FE/Sodium Fluoride + K3EDTA	4	13 x 75	FE/Sodium Fluoride + K3EDTA	18 months	Paper	100/1200	●
434702	VACUSERA 2 ml FE/Sodium Fluoride + K3EDTA	2	13 x 75	FE/Sodium Fluoride + K3EDTA	18 months	Transparent	100/1200	●
434704	VACUSERA 4 ml FE/Sodium Fluoride + K3EDTA	4	13 x 75	FE/Sodium Fluoride + K3EDTA	18 months	Transparent	100/1200	●

VACUSERA FX/SODIUM FLUORIDE + POTASSIUM OXALATE

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/ Carton	Cap Colour
234712	VACUSERA 2 ml FX/Sodium Fluoride + Potassium Oxalate	2	13 x 75	FX/Sodium Fluoride + Potassium Oxalate	18 months	Paper	100/1200	●
234714	VACUSERA 4 ml FX/Sodium Fluoride + Potassium Oxalate	4	13 x 75	FX/Sodium Fluoride + Potassium Oxalate	18 months	Paper	100/1200	●
434712	VACUSERA 2 ml FX/Sodium Fluoride + Potassium Oxalate	2	13 x 75	FX/Sodium Fluoride + Potassium Oxalate	18 months	Transparent	100/1200	●
434714	VACUSERA 4 ml FX/Sodium Fluoride + Potassium Oxalate	4	13 x 75	FX/Sodium Fluoride + Potassium Oxalate	18 months	Transparent	100/1200	●

VACUSERA FE/SODIUM FLUORIDE+NA2 EDTA

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/ Carton	Cap Colour
234722	VACUSERA 2 ml FE/Sodium Fluoride + NA2EDTA	2	13 x 75	FE/Sodium Fluoride + NA2EDTA	18 months	Paper	100/1200	●
234724	VACUSERA 4 ml FE/Sodium Fluoride + NA2EDTA	4	13 x 75	FE/Sodium Fluoride + NA2EDTA	18 months	Paper	100/1200	●
235725	VACUSERA 5 ml FE/Sodium Fluoride + NA2EDTA	5	13 x 100	FE/Sodium Fluoride + NA2EDTA	18 months	Paper	100/1200	●
434722	VACUSERA 2 ml FE/Sodium Fluoride + NA2EDTA	2	13 x 75	FE/Sodium Fluoride + NA2EDTA	18 months	Transparent	100/1200	●
434724	VACUSERA 4 ml FE/Sodium Fluoride + NA2EDTA	4	13 x 75	FE/Sodium Fluoride + NA2EDTA	18 months	Transparent	100/1200	●
435725	VACUSERA 5 ml FE/Sodium Fluoride + NA2EDTA	5	13 x 100	FE/Sodium Fluoride + NA2EDTA	18 months	Transparent	100/1200	●

VACUSERA

VACUSERA BLOOD COLLECTION NEEDLES

Vacusera Blood Collection Needles are used in blood collection, single-used and sterile. The needles are coated with silicone, a low friction and ensuring very soft vein entry.

The colour of needle hub identifies needle gauge.

Vacusera Blood Collection Needles are also available with integrated safety cap and window (Vision).

VACUSERA BLOOD COLLECTION NEEDLES

Reference Number	Description	Size	Pack/Carton	Colour
250018K	Blood Collection Needle 18 G	18 G x 1 1/2" (1.2x38mm)	100/5000	●
250018KW	Blood Collection Needle 18 G	18 G x 1 1/2" (1.2x38mm)	100/5000	●
250020K	Blood Collection Needle 20 G	20 G x 1 1/2" (0.9x38mm)	100/5000	●
250020KW	Blood Collection Needle 20 G	20 G x 1 1/2" (0.9x38mm)	100/5000	●
250021K	Blood Collection Needle 21 G	21 G x 1 1/2" (0.8x38mm)	100/5000	●
250021KW	Blood Collection Needle 21 G	21 G x 1 1/2" (0.8x38mm)	100/5000	●
250022K	Blood Collection Needle 22 G	22 G x 1 1/2" (0.7x38mm)	100/5000	●
250022KW	Blood Collection Needle 22 G	22 G x 1 1/2" (0.7x38mm)	100/5000	●
250023K	Blood Collection Needle 23 G	23 G x 1 1/2" (0,6x38mm)	100/5000	●
250023KW	Blood Collection Needle 23 G	23 G x 1 1/2" (0,6x38mm)	100/5000	●
253018K	Blood Collection Needle 18 G	18 G x 1" (1,2x25mm)	100/5000	●
253018KW	Blood Collection Needle 18 G	18 G x 1" (1,2x25mm)	100/5000	●
253020K	Blood Collection Needle 20 G	20 G x 1" (0,9x25mm)	100/5000	●
253020KW	Blood Collection Needle 20 G	20 G x 1" (0,9x25mm)	100/5000	●
253021K	Blood Collection Needle 21 G	21 G x 1" (0.8x25mm)	100/5000	●
253021KW	Blood Collection Needle 21 G	21 G x 1" (0.8x25mm)	100/5000	●
253022K	Blood Collection Needle 22 G	22 G x 1" (0.7x25mm)	100/5000	●
253022KW	Blood Collection Needle 22 G	22 G x 1" (0.7x25mm)	100/5000	●
253023K	Blood Collection Needle 23 G	23 G x 1" (0,6x25mm)	100/5000	●
253023KW	Blood Collection Needle 23 G	23 G x 1" (0,6x25mm)	100/5000	●
255020K	Blood Collection Needle 20 G - VISION	20 G x 1 1/2" (0.9x38mm)	100/5000	●
255021K	Blood Collection Needle 21 G - VISION	21 G x 1 1/2" (0.8x38mm)	100/5000	●
255022K	Blood Collection Needle 22 G - VISION	22 G x 1 1/2" (0.7x38mm)	100/5000	●
255023K	Blood Collection Needle 23 G - VISION	23 G x 1" (0,6x25mm)	100/5000	●
261021K	Needle Vision + Safety Holder 21 G	21 G x 1 1/2" (0.8x38mm)	24/192	●
261022K	Needle Vision + Safety Holder 22 G	22 G x 1 1/2" (0.7x38mm)	24/192	●
251021K	Integrated Safety Needle 21 G	21 G x 1 1/4" (0.8x32mm)	48/2400	●
251021KW	Integrated Safety Needle 21 G	21 G x 1 1/4" (0.8x32mm)	48/2400	●
251022K	Integrated Safety Needle 22 G	22 G x 1 1/4" (0.7x32mm)	48/2400	●
251022KW	Integrated Safety Needle 22 G	22 G x 1 1/4" (0.7x32mm)	48/2400	●
252020	Luer Adapter 20 G	20 G	100/5000	●

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VACUSERA ACCESSORIES

Vacusera Accessories provide necessary products for blood collection.

BLOOD COLLECTION SETS WITH SAFETY SHIELD

Vacusera Safety Blood Collection Sets are used for blood collection from difficult veins like children and elder people. Safety mechanism protects healthcare workers from needle stick injury.

Reference Number	Description	Size	Pack/Carton	Colour
24121190K	Blood Collection Set with Safety Shield 21 G 3/4" x 7"	0.8 x 19mm x 180mm	100/2000	
24121300K	Blood Collection Set with Safety Shield 21 G 3/4" x 12"	0.8 x 19mm x 305mm	100/2000	
24122190K	Blood Collection Set with Safety Shield 22 G 3/4" x 7"	0.7 x 19mm x 180mm	100/2000	
24122300K	Blood Collection Set with Safety Shield 22 G 3/4" x 12"	0.7 x 19mm x 305mm	100/2000	
24123190K	Blood Collection Set with Safety Shield 23 G 3/4" x 7"	0.6 x 19mm x 180mm	100/2000	
24123300K	Blood Collection Set with Safety Shield 23 G 3/4" x 12"	0.6 x 19mm x 305mm	100/2000	
24125190K	Blood Collection Set with Safety Shield 25 G 3/4" x 7"	0.5 x 19mm x 180mm	100/2000	
24125300K	Blood Collection Set with Safety Shield 25 G 3/4" x 12"	0.5 x 19mm x 305mm	100/2000	
24121190G	Blood Collection Set with Safety Shield 21 G 3/4" x 7.5"	0.8 x 20mm x 190mm	100/900	
24121300G	Blood Collection Set with Safety Shield 21 G 3/4" x 12"	0.8 x 20mm x 300mm	100/900	
24123190G	Blood Collection Set with Safety Shield 23 G 3/4" x 7.5"	0.6 x 20mm x 190mm	100/900	
24123300G	Blood Collection Set with Safety Shield 23 G 3/4" x 12"	0.6 x 20mm x 300mm	100/900	
24125190G	Blood Collection Set with Safety Shield 25 G 3/4" x 7.5"	0.5 x 20mm x 190mm	100/900	
24125300G	Blood Collection Set with Safety Shield 25 G 3/4" x 12"	0.5 x 20mm x 300mm	100/900	
24321190K	Vacusera Safe Plus® Safety Blood Collection Set 21G 3/4" x 7"	0.8 x 19mm x 178mm	100/2000	
24321300K	Vacusera Safe Plus® Safety Blood Collection Set 21 G 3/4" x 12"	0.8 x 19mm x 305mm	100/2000	
24323190K	Vacusera Safe Plus® Safety Blood Collection Set 23 G 3/4" x 7"	0.6 x 19mm x 178mm	100/2000	
24323300K	Vacusera Safe Plus® Safety Blood Collection Set 23 G 3/4" x 12"	0.6 x 19mm x 305mm	100/2000	
24325190K	Vacusera Safe Plus® Safety Blood Collection Set 25 G 3/4" x 7"	0.5 x 19mm x 178mm	100/2000	
24325300K	Vacusera Safe Plus® Safety Blood Collection Set 25 G 3/4" x 12"	0.5 x 19mm x 305mm	100/2000	

BLOOD COLLECTION SETS WITH SAFETY SHIELD + HOLDER

Vacusera Safety Blood Collection Sets are also available with Pre-Attached holder.

Reference Number	Description	Size	Pack/Carton	Colour
24221190K	Blood Collection Set with Safety Shield + Holder 21 G 3/4" x 7"	0.8 x 19mm x 180mm	25/500	
24221300K	Blood Collection Set with Safety Shield + Holder 21 G 3/4" x 12"	0.8 x 19mm x 305mm	25/500	
24222190K	Blood Collection Set with Safety Shield + Holder 22 G 3/4" x 7"	0.7 x 19mm x 180mm	25/500	
24222300K	Blood Collection Set with Safety Shield + Holder 22 G 3/4" x 12"	0.7 x 19mm x 305mm	25/500	
24223190K	Blood Collection Set with Safety Shield + Holder 23 G 3/4" x 7"	0.6 x 19mm x 180mm	25/500	
24223300K	Blood Collection Set with Safety Shield + Holder 23 G 3/4" x 12"	0.6 x 19mm x 305mm	25/500	
24225190K	Blood Collection Set with Safety Shield + Holder 25 G 3/4" x 7"	0.5 x 19mm x 180mm	25/500	
24225300K	Blood Collection Set with Safety Shield + Holder 25 G 3/4" x 12"	0.5 x 19mm x 305mm	25/500	
24221190G	Blood Collection Set with Safety Shield + Holder 21 G 3/4" x 7,5"	0.8 x 20mm x 190mm	50/400	
24221300G	Blood Collection Set with Safety Shield + Holder 21 G 3/4" x 12"	0.8 x 20mm x 300mm	50/400	
24223190G	Blood Collection Set with Safety Shield + Holder 23 G 3/4" x 7,5"	0.6 x 20mm x 190mm	50/400	
24223300G	Blood Collection Set with Safety Shield + Holder 23 G 3/4" x 12"	0.6 x 20mm x 300mm	50/400	
24225190G	Blood Collection Set with Safety Shield + Holder 25 G 3/4" x 7,5"	0.5 x 20mm x 190mm	50/400	
24225300G	Blood Collection Set with Safety Shield + Holder 25 G 3/4" x 12"	0.5 x 20mm x 300mm	50/400	
24421190K	Vacusera Safe Plus® Safety Blood Collection Set + Holder 21 G 3/4" x 7"	0.8 x 19mm x 178mm	25/500	
24421300K	Vacusera Safe Plus® Safety Blood Collection Set + Holder 21 G 3/4" x 12"	0.8 x 19mm x 305mm	25/500	
24423190K	Vacusera Safe Plus® Safety Blood Collection Set + Holder 23 G 3/4" x 7"	0.6 x 19mm x 178mm	25/500	
24423300K	Vacusera Safe Plus® Safety Blood Collection Set + Holder 23 G 3/4" x 12"	0.6 x 19mm x 305mm	25/500	
24425190K	Vacusera Safe Plus® Safety Blood Collection Set + Holder 25 G 3/4" x 7"	0.5 x 19mm x 178mm	25/500	
24425300K	Vacusera Safe Plus® Safety Blood Collection Set + Holder 25 G 3/4" x 12"	0.5 x 19mm x 305mm	25/500	

DANGER
DISPOSABLE TOURNIQUET

VACUSERA

BLOOD COLLECTION NEEDLES + SAFETY HOLDER

Reference Number	Description	Pack/Carton
260018K	Blood Collection Needle + Safety Holder 18 G x 1 1/2" (1.2x38mm)	25/500
260020K	Blood Collection Needle + Safety Holder 20 G x 1 1/2" (0.9x38mm)	25/500
260021K	Blood Collection Needle + Safety Holder 21 G x 1 1/2" (0.8x38mm)	25/500
260022K	Blood Collection Needle + Safety Holder 22 G x 1 1/2" (0.7x38mm)	25/500
260023K	Blood Collection Needle + Safety Holder 23 G x 1 1/2" (0.6x38mm)	25/500

HOLDERS

Vacusera Holders are compatible with Vacusera Blood Collection Needles and Vacusera Blood Collection Tubes. It provides safety and easy use for healthcare workers.

Reference Number	Description	Pack/Carton
260001	Blood Collection Needle Holder	200/1000
260002	Safety Holder	200/800
260003	Automatic Holder	200/800
260004	Blood Collection Holder with Female Luer Lock	200/800
260005	Blood Collection Holder with Male Luer Lock	200/800
260006K	Luer Adapter + Blood Collection Needle Holder	200/800

VACUSERA TOURNIQUET

Vacusera Tourniquet is used for tying the vein during blood collection. It is safe and easy to use.

Reference Number	Description	Pack/Carton
259001	Automatic Tourniquet	1 pc / 500 pcs
259001-1	Automatic Tourniquet for children - Green	1 pc / 500 pcs
259001-2	Automatic Tourniquet for children - Pink	1 pc / 500 pcs
259050	Disposable Tourniquet	50 pcs / box

VACUSERA SHARPS DISPOSAL CONTAINER

For disposal of used sharp objects like cannulas, scalpels, needles, holders, syringes etc. Available in 2.1 lt. and 7.5 lt.

Reference Number	Description	Quantity/Box
101175	Sharps Disposal Container 7.5 lt.	40 pcs / box
101121	Sharps Disposal Container 2.1 lt.	100 pcs / box

VACUSERA MINI CAPILLARY BLOOD COLLECTION SYSTEM

Vacusera Mini Capillary Blood Collection System provides all the necessary products for pediatric need.

VACUSERA MINI CAPILLARY BLOOD COLLECTION TUBES

Vacusera Mini Capillary Blood Collection Tubes are designed with safety cap for collecting high quality capillary blood sample.

VACUSERA MINI SERUM TUBES

Reference Number	Description	Draw vol. (ml)	Additive	Pack /Carton	Cap Colour
238202	VACUSERA MINI 0.2 ml CAT Serum Clot Activator	0.2	Clot Activator	50/1000	
238205	VACUSERA MINI 0.5 ml CAT Serum Clot Activator	0.5	Clot Activator	50/1000	
238302	VACUSERA MINI 0.2 ml CAT Serum GEL + Clot Activator	0.2	GEL + Clot Activator	50/1000	
238305	VACUSERA MINI 0.5 ml CAT Serum GEL + Clot Activator	0.5	GEL + Clot Activator	50/1000	

VACUSERA MINI EDTA TUBES

Reference Number	Description	Draw vol. (ml)	Additive	Pack /Carton	Cap Colour
238602	VACUSERA MINI 0.2 ml K2E/K2EDTA	0.2	K2E K2EDTA	50/1000	
238605	VACUSERA MINI 0.5 ml K2E/K2EDTA	0.5	K2E K2EDTA	50/1000	
238612	VACUSERA MINI 0.2 ml K3E/K3EDTA	0.2	K3E K3EDTA	50/1000	
238615	VACUSERA MINI 0.5 ml K3E/K3EDTA	0.5	K3E K3EDTA	50/1000	
238625	VACUSERA MINI 0.5 ml K2E/K2EDTA (13x75mm)	0.5	K2E K2EDTA	100/1000	

VACUSERA MINI HEPARIN TUBES

Reference Number	Description	Draw vol. (ml)	Additive	Pack /Carton	Cap Colour
238402	VACUSERA MINI 0.2 ml LH/Lithium Heparin	0.2	LH/Lithium Heparin	50/1000	
238405	VACUSERA MINI 0.5 ml LH/Lithium Heparin	0.5	LH/Lithium Heparin	50/1000	
238412	VACUSERA MINI 0.2 ml LH/Lithium Heparin + GEL	0.2	LH/Lithium Heparin+GEL	50/1000	
238415	VACUSERA MINI 0.5 ml LH/Lithium Heparin + GEL	0.5	LH/Lithium Heparin + GEL	50/1000	
238422	VACUSERA MINI 0.2 ml NH/Sodium Heparin	0.2	NH/Sodium Heparin	50/1000	
238425	VACUSERA MINI 0.5 ml NH/Sodium Heparin	0.5	NH/Sodium Heparin	50/1000	

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VACUSERA MINI GLUCOSE TUBES

Reference Number	Description	Draw vol. (ml)	Additive	Pack /Carton	Cap Colour
238701	VACUSERA MINI 0.2 ml FE/K2EDTA	0.2	FE/Sodium Fluoride + K2EDTA	50/1000	
238705	VACUSERA MINI 0.5 ml FE/K2EDTA	0.5	FE/ Sodium Fluoride + K2EDTA	50/1000	

VACUSERA MINI COAGULATION TUBES

Reference Number	Description	Draw vol. (ml)	Additive	Pack /Carton	Cap Colour
238505	VACUSERA MINI 0.5 ml Coagulation Sodium Citrate 3.2%	0.5	Sodium Citrate 3.2%	50/1000	

VACUSERA LANCETS

Vacusera Lancets provide consistent puncture depth for easy safe sample collection.

Reference Number	Description	Draw vol. (mm)	Pack / Carton	Cap Colour
2393018N	VACUSERA Pressure activated safety blood lancet 30G/1.8mm	30G/1.8mm	100/1000	
2393015N	VACUSERA Pressure activated safety blood lancet 30G/1.5mm	30G/1.5mm	100/1000	
2392818N	VACUSERA Pressure activated safety blood lancet 28G/1.8mm	28G/1.8mm	100/1000	
2392815N	VACUSERA Pressure activated safety blood lancet 28G/1.5mm	28G/1.5mm	100/1000	
2392618N	VACUSERA Pressure activated safety blood lancet 26G/1.8mm	26G/1.8mm	100/1000	
2392518N	VACUSERA Pressure activated safety blood lancet 25G/1.8mm	25G/1.8mm	100/1000	
2392322N	VACUSERA Pressure activated safety blood lancet 23G/2.2mm	23G/2.2mm	100/1000	
2392318N	VACUSERA Pressure activated safety blood lancet 23G/1.8mm	23G/1.8mm	100/1000	
2392128N	VACUSERA Pressure activated safety blood lancet 21G/2.8mm	21G/2.8mm	100/1000	
2392122N	VACUSERA Pressure activated safety blood lancet 21G/2.2mm	21G/2.2mm	100/1000	
2392118N	VACUSERA Pressure activated safety blood lancet 21G/1.8mm	21G/1.8mm	100/1000	
2392118BN	VACUSERA Pressure activated safety blood lancet - Blade 21G/1.8mm	21G/1.8mm	100/1000	
2391818N	VACUSERA Pressure activated safety blood lancet 18G/1.8mm	18G/1.8mm	100/1000	
2391818BN	VACUSERA Pressure activated safety blood lancet - Blade 18G/1.8mm	18G/1.8mm	100/1000	

VACUSERA SEDIMENTATION SYSTEMS

Vacusera Sedimentation Tubes are consisting 3.2% sodium citrate for ESR test.

VACUSERA CLOSED SEDIMENTATION SYSTEM

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/ Carton	Cap Colour
233903	VACUSERA 1.28 ml Glass ESR Tube	1.28	8 x 120	4NC Sodium Citrate 3.2%	24 months	Paper	100/1000	●
233902	VACUSERA 1.6 ml Glass ESR Tube	1.6	9 x 120	4NC Sodium Citrate 3.2%	24 months	Paper	100/1000	●
290020	VACUSERA 20 ESR analyzer						1/1	
290100	VACUSERA 100 ESR analyzer						1/1	
233901	VACUSERA 1.28 ml & 1.6 ml ESR Rack						1/10	

VACUSERA OPEN SEDIMENTATION SYSTEM

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/ Carton	Cap Colour
234902	VACUSERA 2 ml ESR Tube	2	13 x 75	4NC Sodium Citrate 3.2%	12 months	Paper	100/1200	●
234900	VACUSERA Disposable ESR Pipette				60 months		200/2000	
234901	VACUSERA ESR RACK without graduation for 234902 & 434902 (Vacusera Open Sedimentation System)						1/25	

VACUSERA URINE COLLECTION SYSTEMS

Vacusera Urine Collection Systems provide easy and comfortable use with urine tubes and integrated urine beaker for healthcare workers.

Reference Number	Description	Draw vol. (ml)	Size (mm)	Additive	Shelf life	Label Type	Pack/Carton	Cap Colour
234814	VACUSERA 4 ml Urine Tube - Boric Acid	4	13 x 75	Boric Acid	18 months	Paper	100/1200	
235806	VACUSERA 6 ml Urine Tube - No Additive	6	13 x 100	No Additive	18 months	Paper	100/1200	
236808	VACUSERA 8 ml Urine Tube - No Additive	8	16 x 100	No Additive	18 months	Paper	100/1200	
236800	VACUSERA 10 ml Urine Tube - No Additive	10	16 x 100	No Additive	18 months	Paper	100/1200	
235816	VACUSERA 6 ml Urine Tube - Boric Acid	6	13 x 100	Boric Acid	18 months	Paper	100/1200	
236810	VACUSERA 10 ml Urine Tube - Boric Acid	10	16 x 100	Boric Acid	18 months	Paper	100/1200	
236828	VACUSERA 8 ml Urine Tube - Chlorhexidine	8	16 x 100	Chlorhexidine	18 months	Paper	100/1200	
236820	VACUSERA 10 ml Urine Tube - Chlorhexidine	10	16 x 100	Chlorhexidine	18 months	Paper	100/1200	
434814	VACUSERA 4 ml Urine Tube - Boric Acid	4	13 x 75	Boric Acid	18 months	Transparent	100/1200	
435806	VACUSERA 6 ml Urine Tube - No Additive	6	13 x 100	No Additive	18 months	Transparent	100/1200	
436808	VACUSERA 8 ml Urine Tube - No Additive	8	16 x 100	No Additive	18 months	Transparent	100/1200	
436800	VACUSERA 10 ml Urine Tube - No Additive	10	16 x 100	No Additive	18 months	Transparent	100/1200	
435816	VACUSERA 6 ml Urine Tube - Boric Acid	6	13 x 100	Boric Acid	18 months	Transparent	100/1200	
436810	VACUSERA 10 ml Urine Tube - Boric Acid	10	16 x 100	Boric Acid	18 months	Transparent	100/1200	
436828	VACUSERA 8 ml Urine Tube - Chlorhexidine	8	16 x 100	Chlorhexidine	18 months	Transparent	100/1200	
436820	VACUSERA 10 ml Urine Tube - Chlorhexidine	10	16 x 100	Chlorhexidine	18 months	Transparent	100/1200	
103023	VACUSERA Urine Beaker with Integrated Holder 100 ml (Nonsterile)	100		No Additive	36 months		300	
103026	VACUSERA Urine Beaker with Integrated Holder 100 ml in a single bag (Sterile)	100		No Additive	36 months		300	
103033	VACUSERA 24 Hourly Integrated Urine Collection Cap 3L.	3000			60 months		14	
236839	VACUSERA 9 ml Urine Tube – No Additive – Conical Bottom	9	16 x 100	No Additive	18 months	Paper	100/1200	
236848	VACUSERA 8 ml Urine Tube – Boric Acid – Conical Bottom	8	16 x 100	Boric Acid	18 months	Paper	100/1200	
236859	VACUSERA 9 ml Urine Tube – Chlorhexidine – Conical Bottom	9	16 x 100	Chlorhexidine	18 months	Paper	100/1200	

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VACUSERA BLOOD COLLECTION SYSTEMS ORDER OF DRAW

DRAW VOL	COLOR CODE	TUBE TYPE	DESCRIPTION	MIXING	CENTRIFUGE SPEED & TIME
1ml / 1.8 ml 2.7 ml / 3.6 ml / 4.5 ml		SODIUM CITRATE	COAGULATION TEST	3-4	2000-2500 g (RCF)10 -15 MIN
1.28 ml / 1.6 ml / 2 ml		ESR	SEDIMENTATION TEST	3-4	
6 ml / 9 ml		ACD	BLOOD GROUPING	3-4	
1 ml / 2 ml / 3 ml / 4 ml 6 ml / 9 ml / 10 ml		CLOT ACTIVATOR	SERUM TEST	5-6	1300 g (RCF) 10 MIN
2 ml / 2.5 ml / 3.5 ml 5 ml / 8 ml		CLOT ACTIVATOR + GEL	SERUM TEST	5-6	2000-3000 g (RCF) 10 -15* MIN
5 ml		CLOT ACTIVATOR THROMBIN + GEL	SERUM TEST	5-6	2000-3000 g (RCF) 10 -15* MIN 4000 g (RCF) 5 MIN
2 m / 4 ml / 6 ml / 9 ml		LITHIUM HEPARIN SODIUM HEPARIN	PLASMA TEST	8-10	1300 g (RCF) 10 MIN
3 ml / 5 ml / 8 ml		LITHIUM HEPARIN + GEL SODIUM HEPARIN + GEL	PLASMA TEST	8-10	1300-2000 g (RCF) 10 MIN
1 ml / 2 ml / 3 ml / 4 ml 4.5 ml / 6 ml / 9 ml		EDTA	HAEMATOLOGY TEST	8-10	
3 ml / 5 ml / 8 ml		EDTA + GEL	MOLECULAR DIAGNOSTIC	8-10	1100-1500 g (RCF) 10 MIN
6 ml / 9 ml		CROSS MATCH CLOT ACTIVATOR	CROSS MATCH TEST	5-6	1300 g (RCF) 10 MIN
4 ml / 6 ml		CROSS MATCH K2EDTA / K3EDTA	CROSS MATCH TEST	8-10	
2 ml / 4 ml		FE / SODIUM FLUORIDE + EDTA	GLUCOSE TEST	8-10	1300 g (RCF) 10 MIN
2 ml / 4 ml		FX/ SODIUM FLUORIDE + POTASSIUM OXALATE	GLUCOSE TEST	8-10	1300 g (RCF) 10 MIN
6 ml		TRACE ELEMENT CLOT ACTIVATOR	TRACE ELEMENT TEST	5-6	1300 g (RCF) 10 MIN
6 ml		TRACE ELEMENT NH/SODIUM HEPARIN	TRACE ELEMENT TEST	8-10	1300 g (RCF) 10 MIN
6 ml		TRACE ELEMENT K2EDTA	TRACE ELEMENT TEST	8-10	

Insufficient blood volume and mixing properly can effect the test results and may cause re-collection of blood.

* With fixed-angle rotors 15 minutes - With swing-out rotors 10 minutes

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RESULTS OF THE SCIENTIFIC PROCESS

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