TTT WORLD

Canadian Technology

SCIENTIFIC PRODUCTION WITH ADVANCED TECHNOLOGY CONFIGURATION STRATEGIES

www.tttworld.com

"Green Energy
For Sustainability"

TTT WORLD

Canadian Technology

PRODUCING FOR YOU!

TTTWORLD® is a **SILA Grup** brand.

Different Languages

In the journey we embarked on for health and humanity
in 1997, we continue to increase our goals.
We produce for the whole world and share our products
and experiences with many countries.

We produce with renewable energy sources and we
respect future generations.

We believe that we are doing the hard
but right thing.
We will never lose this faith.

Dr. İhsan ŞAHİN
Yönetim Kurulu Başkanı / Board Chairman

DECLARATION OF QUALITY

TTT WORLD® medical disposables are supplied as labelled with CE mark in compliance with European Directives. Blood collection tubes, blood gas syringes and other in vitro diagnostic medical devices are in compliance with 98/79/EC European Directive on In Vitro Diagnostic Medical Devices.

Our syringes, IV sets, blood collection needles and scalp vein sets are class IIa medical devices which are produced in compliance with Directive 93/42/EEC on European Medical Devices.

All the unit products are labeled with CE mark in accordance with the abovementioned directives.

Our production facilities have ISO 13485:2016 and ISO 9001: 2015 certificates. The mentioned certificates or declarations of conformity can be forwarded upon request.

All our products are produced, packed, and sterilized if suitable, in compliance with related ISO and European standards.

The symbols used on our product labels are explained in the user manuals.

The shelf lives are determined after stability studies and indicated on each unit product.

CE

International Organization for Standardization ISO 13485

International Organization for Standardization ISO 9001

CERTIFICATE
ISO 13485:2016
TÜRK STANDARDLARI ENSTİTÜSÜ
Production Quality Assurance Certificate
Certificate No: 1783- MDD-159

TÜRK STANDARDLARI ENSTİTÜSÜ
Production Quality Assurance Certificate
Certificate No: 1783- MDD-160
Üretim Kalite Güvence Belgesi
Belge No: 1783- MDD-160
CERTIFICATE OF REGISTRATION
ISO 9001:2015

TÜRK STANDARDLARI ENSTİTÜSÜ
Production Quality Assurance Certificate
Certificate No: 1783- MDD-155
Üretim Kalite Güvence Belgesi
Belge No: 1783- MDD-155
Certificate No: 1783- MDD-156
Belge No: 1783- MDD-156

TÜRK STANDARDLARI ENSTİTÜSÜ
Production Quality Assurance Certificate
Certificate No: 1783- MDD-157
Üretim Kalite Güvence Belgesi
Belge No: 1783- MDD-157
Certificate No: 1783- MDD-158
Belge No: 1783- MDD-158

OUR PRODUCTS;

The syringes that we produce in our factory are produced in different sizes and with different needle gauges according to the need of the user in compliance with international quality control standards.

Syringe Varieties;

Human Use

- *Vaccination*
- *Arterial Blood Gas*
- *Insulin*
- *Dental Use*

Veteriner

Veterinary Use

Different Languages

SYRINGE

- Sterile
- Ergonomic
- Non-toxic
- Apyrogenic

- Advanced Technology
- High Quality
- High Production Capaticy

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Different Languages

REFERENCE LIST OF ALL OUR SYRINGE PRODUCTS BY NEEDLE TIPS

NEEDLE TYPES

SYRINGE PRODUCT TYPES	18G x1 1/2" 1.2x38mm	19G x1 1/2" 1.1x38mm	20G x1 1/2" 0.9x38mm	21G x 5/8" 0.8x16mm	21G x1 1/2" 0.8x38mm	22G x1 1/4" 0.7x32mm	22G x1 1/2" 0.7x38mm	23G x 5/8" 0.6x16mm	23G x 1" 0.6x25mm	23G x1 1/4" 0.6x32mm	23G x1 1/2" 0.6x40mm	24G x 1" 0.55x25mm	25G x 5/8" 0.5x16mm	25G x 1" 0.5x25mm	25G x1 1/2" 0.5x40mm	26G x 1/2" 0.45x13mm	27G x 1/2" 0.4x13mm	27G x1 1/2" 0.4x40mm	27G x 2" 0.4x50mm	30G x 5/16" 0.3x8mm	30G x 1/2" 0.3x13mm	Without Needle
2ml 2P	01011	01012	01013	01014	01015	01016	01017	01214	01018	01019	01224	01234	01244	01020	01254	01021	01264	01022	01023	01274	01284	01131
5ml 2P	01024	01025	01026	01027	01028	01029	01030	01215	01031	01032	01225	01235	01245	01033	01255	01034	01265	01035	01036	01275	01285	01132
10ml 2P	01037	01038	01039	01040	01041	01042	01043	01216	01044	01045	01226	01236	01246	01046	01256	01047	01266	01048	01049	01276	01286	01133
20ml 2P	01050	01051	01052	01053	01054	01055	01056	01217	01057	01058	01227	01237	01247	01059	01257	01060	01267	01061	01062	01277	01287	01134
50ml 2P	01063	01064	01065	01066	01067	01068	01069	01218	01070	01071	01228	01238	01248	01072	01258	01073	01268	01074	01075	01278	01288	01135
2ml 3P	01076	01077	01078	01079	01003	01006	01080	01219	01081	01082	01229	01239	01249	01083	01259	01084	01269	01085	01086	01279	01289	01136
5ml 3P	01087	01088	01089	01090	01002	01005	01091	01220	01092	01093	01230	01240	01250	01094	01260	01095	01270	01096	01097	01280	01290	01137
10ml 3P	01098	01099	01100	01101	01001	01004	01102	01221	01103	01104	01231	01241	01251	01105	01261	01106	01271	01107	01108	01281	01291	01138
20ml 3P	01109	01110	01111	01112	01007	01009	01113	01222	01114	01115	01232	01242	01252	01116	01262	01117	01272	01118	01119	01282	01292	01139
50ml 3P	01120	01121	01122	01123	01008	01010	01124	01223	01125	01126	01233	01243	01253	01127	01263	01128	01273	01129	01130	01283	01293	01140
Vaccine injector (2ml 3P)									01207	01208				01209								01213
1ml 2P	01300	01301	01302	01303	01304	01305	01306	01307	01308	01309	01310	01311	01312	01313	01314	01315	01316	01317	01318	01319	01320	01321
1ml 3P	01322	01323	01324	01325	01326	01327	01328	01329	01330	01331	01332	01333	01334	01335	01336	01337	01338	01339	01340	01341	01342	01343

HYPODERMIC NEEDLES

REFERENCE NUMBER	DESCRIPTION	VOLUME	COLOR TUBE SING
01141	18G x 1 1/2"	1.2x38 mm	PINK
01142	19G x 1 1/2"	1.1x38 mm	WHITE
01143	20G x 1 1/2"	0.9x38 mm	YELLOW
01144	21G x 5/8"	0.8x16 mm	GREEN
01145	21G x 1 1/2"	0.8x38 mm	GREEN
01146	22G x 1 1/4"	0.7x32 mm	BLACK
01147	22G x 1 1/2"	0.7x38 mm	BLACK
01154	23G x 5/8"	0.6x16 mm	BLUE
01148	23G x 1"	0.6x25 mm	BLUE
01149	23G x 1 1/4"	0.6x32 mm	BLUE
01155	23G x 1 1/2"	0.6x40 mm	BLUE
01156	24G x 1"	0.55x25 mm	PURPLE
01157	25Gx 5/8"	0.5x16 mm	ORANGE
01150	25G x 1"	0.5x25 mm	ORANGE
01158	25Gx1 1/2"	0.5x40 mm	ORANGE
01151	26G x 1/2"	0.45x13 mm	BROWN
01159	27G x 1/2"	0.4x13 mm	GREY
01152	27G x 1 1/2"	0.4x40 mm	GREY
01153	27G x 2"	0.4x50 mm	GREY
01160	30G x 5/16"	0.3x8 mm	YELLOW
01161	30G x 1/2"	0.3x13 mm	YELLOW

Different Languages

IV INFUSION SET

IV sets used for injecting of infusion solutions to the body are;

- *Phthalate-Free*
- *Non-toxic*
- *Apyrogen*
- *(Bio-compatible)*

It is high quality and user-friendly with its options and product variety.

CE
ISO 9001,
ISO 13485

Varieties of our EO sterilized IV sets are,

- *Standard*
- *With Airway*
- *Light Sensitive*
- *With Solution Filter*

Different Languages

OUR PRODUCTS

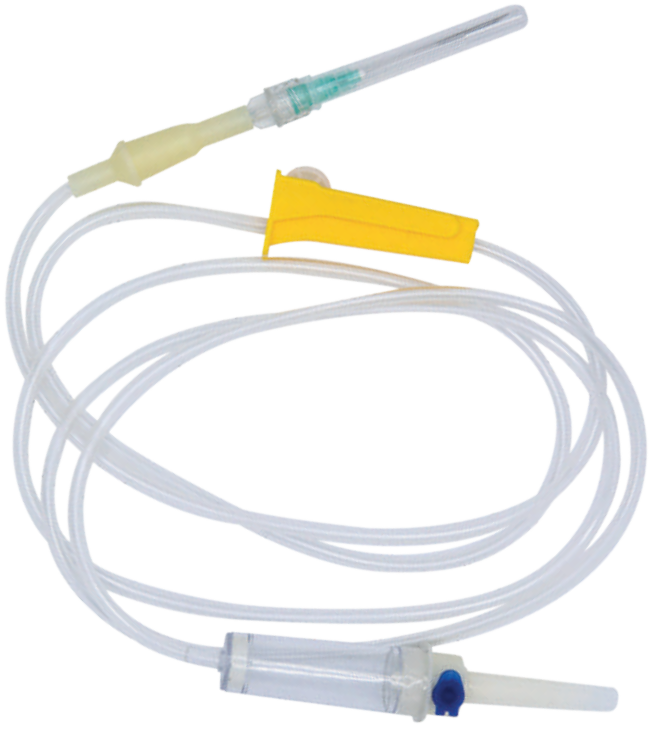
Are produced with regular flow control mechanism, suitable raw material against bending and breaking, airline entrence with bacteria filter, hypodermic needle and bio-compatible and apyrogen materials. They are non-alergic, highly compliable with patient and user-friendly.

- Advanced Technology
- High Quality
- High Production Capacity

Different Languages

IV INFUSION SET

REFERENCE NUMBER	PRODUCT NAME
03001	*INFUSION SET ON/OFF LIGHT SENSITIVE WITHOUT NEEDLE*
03002	*INFUSION SET ON/OFF SENSITIVE LUER LOCK 21G*
03003	*INFUSION SET ON/OFF SENSITIVE 18G*
03004	*INFUSION SET ON/OFF SENSITIVE LUER SLIP 21G*
03005	*INFUSION SET ON/OFF SENSITIVE LUER SLIP 18G*
03006	*INFUSION SET ON/OFF SENSITIVE WITHOUT NEEDLE*
03008	*INFUSION SET ON/OFF WITHOUT NEEDLE*
03009	*INFUSION SET ON/OFF LUER LOCK 21G*
03010	*INFUSION SET ON/OFF LUER LOCK 18G*
03011	*INFUSION SET ON/OFF LUER SLIP 21G*
03012	*INFUSION SET ON/OFF LUER SLIP 18G*
03013	*INFUSION SET ON/OFF SOLUTION FILTERED WITHOUT NEEDLE*
03014	*INFUSION SET ON/OFF SOLUTION FILTERED LUER LOCK 21G*



International Organization for Standardization ISO 9001

International Organization for Standardization ISO 13485

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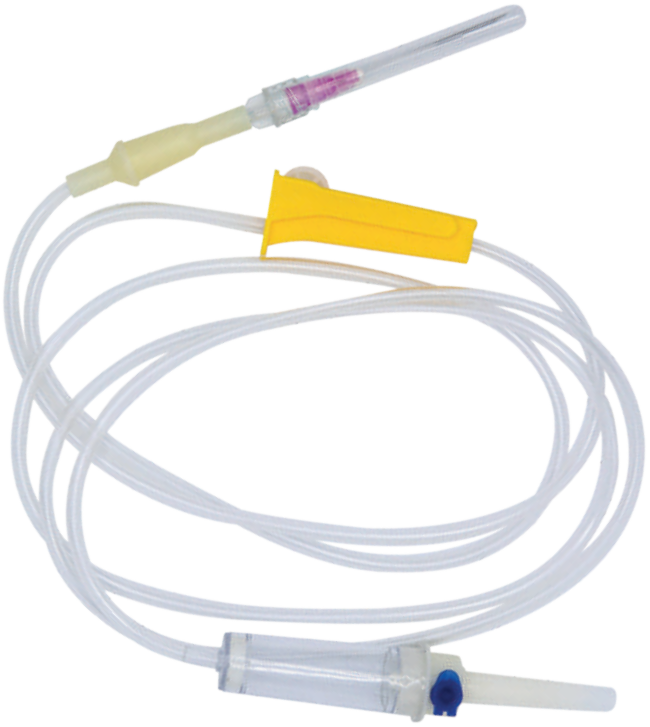
Different Languages

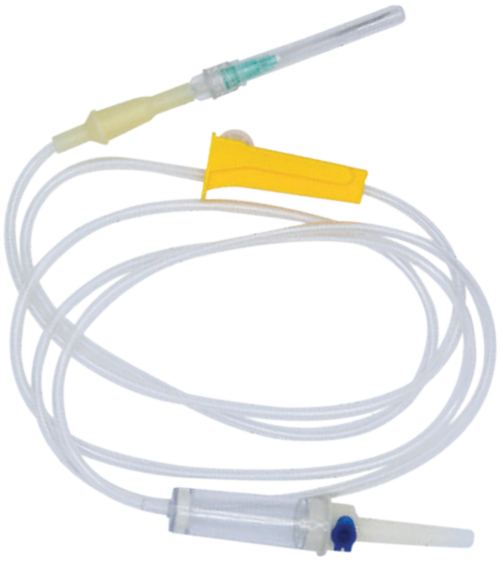
IV INFUSION SET

REFERENCE NUMBER	PRODUCT NAME
03015	*INFUSION SET/OFF SOLUTION FILTER LUER LOCK 18G*
03016	*INFUSION SET/OFF SOLUTION FILTER LUER LOCK 21G*
03017	*INFUSION SET/OFF SOLUTION FILTER LUER SLIP 18G*
03018	*INFUSION SET WITHOUT AIRWAY NEEDLE*
03019	*INFUSION SET WITHOUT AIRWAY LUER LOCK 21G*
03020	*INFUSION SET WITHOUT AIRWAY LUER LOCK 18G*
03021	*INFUSION SET WITHOUT AIRWAY LUER SLIP 21G*
03022	*INFUSION SET WITHOUT AIRWAY LUER SLIP 18G*
03023	*INFUSION SET WITH AIRWAY NEEDLE*
03024	*INFUSION SET WITH AIRWAY LUERLOCK 21G*
03025	*INFUSION SET WITH AIRWAY LUER LOCK 18G*
03026	*INFUSION SET WITH AIRWAY LUER SLİP 21G*



Different Languages

IV INFUSION SET



Different Languages

REFERENCE NUMBER	PRODUCT NAME
03027	*INFUSION SET WITH AIRWAY LUER SLIP 18G*
03028	*INFUSION SET WITH SOLUTION FILTER WITHOUT AIR AND NEEDLE*
03029	*INFUSION SET WITH SOLUTION FILTER AIRLESS LUER LOCK 21G*
03030	*INFUSION SET WITH SOLUTION FILTER AIRLESS LUER LOCK 18G*
03031	*INFUSION SET WITH SOLUTION FILTER AIRLESS LUER SLIP 21G*
03032	*INFUSION SET WITH SOLUTION FILTER AIRLESS LUER SLIP 18G*
03033	*INFUSION SET WITH SOLUTION FILTER AIRWAY WITHOUT NEEDLE*
03034	*INFUSION SET WITH SOLUTION FILTER AIRWAY NEEDLE/ FREE LUER LOCK 21G*
03035	*INFUSION SET WITH SOLUTION FILTER AIRWAY NEEDLE/ FREE LUER LOCK 18G*
03036	*INFUSION SET WITH SOLUTION FILTER AIRWAY NEEDLE/ FREE LUER SLIP 21G*
03037	*INFUSION SET WITH SOLUTION FILTER AIRWAY NEEDLE/ FREE LUER SLIP 18G*
03039	*INFUSION SET Y-PORT LUER LOCK 21G WITH NEEDLE*
03040	*INFUSION SET Y-PORT LUER LOCK 18G WITH NEEDLE*
03041	*INFUSION SET Y-PORT LUER SLIP 21G WITH NEEDLE*
03042	*INFUSION SET Y-PORT LUER SLIP 18G WITH NEEDLE*
03043	*INFUSION SET Y-PORT WITHOUT NEEDLE*

VACUUM BLOOD COLLECTION TUBES

TTT WORLD®

Blood collection tubes should be used in accordance with national and international phlebotomy blood collection guidelines.

Different Languages

PEDIATRIC VACUUM BLOOD COLLECTION TUBES

- Mini Capillary Blood Collection Tubes are used for pediatric blood sampling.
- Tubes are comfortable, ergonomic and useful for both patient and practitioner.
- All volume variants are produced.

Different Languages

DESCIRPTION	VOLUME
PEDIATRIC EDTA K2	0,5 ml / 1 ml
PEDIATRIC GEL +WITH CLOT ACTIVATOR	0,5 ml / 1 ml
PEDITRIC LITHIUM HEPARİN	0,5 ml / 1 ml

K2 EDTA
BLOOD COLLECTION TUBES

- They inner surfaces of the tubes are coated with K2 EDTA
- K2 EDTA can be produced with or without gel.
- All volume variants are produced.
- Can be produced with or without a barcode.

REFERENCE NUMBER	CAP COLOR : PURPLE DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2201	3 ml K_2EDTA	3.0 ml	13x75	K_2EDTA	16 months
2202	2 ml K_2EDTA	2.0 ml	13x75	K_2EDTA	15 months
2203	1 ml K_2EDTA	1.0 ml	13x75	K_2EDTA	15 months
2204	3.5 ml K_2EDTA	3.5 ml	13x75	K_2EDTA	16 months
2205	4 ml K_2EDTA	4.0 ml	13x75	K_2EDTA	16 months
2206	4.5 ml K_2EDTA	4.5 ml	13x75	K_2EDTA	16 months
2207	4.5 ml K_2EDTA	4.5 ml	13x100	K_2EDTA	17 months
2208	6 ml K_2EDTA	6.0 ml	13x100	K_2EDTA	17 months
2224	8 ml K_2EDTA	8.0 ml	16x100	K_2EDTA	24 months
2221	10 ml K_2EDTA	10.0 ml	16x100	K_2EDTA	24 months
2209	3 ml K_2EDTA+GEL	3.0 ml	13x75	JEL+ K_2EDTA	16 months
2210	4 ml K_2EDTA+GEL	4.0 ml	13x75	JEL+ K_2EDTA	16 months
2225	4,5 ml K_2EDTA+GEL	4.5 ml	13x100	JEL+ K_2EDTA	17 months
2211	5 ml K_2EDTA+GEL	5.0 ml	13x100	JEL+ K_2EDTA	17 months
2223	8 ml K_2EDTA+GEL	8.0ml	16x100	JEL+ K_2EDTA	24 months
2925	0.5 ml K_2EDTA Micro Tube	0.5 ml	10x45	K_2EDTA	24 months
2926	1.0 ml K_2EDTA Micro Tube	1.0 ml	10x45	K_2EDTA	24 months
2938	2 ml K_2EDTA Prebarcoded	2.0 ml	13x75	K_2EDTA	15 months
2939	3 ml K_2EDTA Prebarcoded	3.0 ml	13x75	K_2EDTA	16 months
2226	4 ml K_2EDTA Prebarcoded	4.0 ml	13x75	K_2EDTA	16 months

K3 EDTA
BLOOD COLLECTION TUBES

Different Languages

- Produced in various volumes.
- Can be produced with or without a barcode.
- The inner surfaces of the tubes are coated with K3 EDTA

REFERENCE NUMBER	DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
	CAP COLOR : PURPLE				
2212	1 ml K_3EDTA	1.0 ml	13x75	K_3EDTA	15 months
2213	2 ml K_3EDTA	2.0 ml	13x75	K_3EDTA	15 months
2214	3 ml K_3EDTA	3.0 ml	13x75	K_3EDTA	16 months
2215	3.5 ml K_3EDTA	3.5 ml	13x75	K_3EDTA	16 months
2216	4 ml K_3EDTA	4.0 ml	13x75	K_3EDTA	16 months
2217	4.5 ml K_3EDTA	4.5 ml	13x75	K_3EDTA	16 months
2218	4.5 ml K_3EDTA	4.5 ml	13x100	K_3EDTA	17 months
2219	5 ml K_3EDTA	5.0 ml	13x100	K_3EDTA	17 months
2220	6 ml K_3EDTA	6.0 ml	13x100	K_3EDTA	17 months
2222	9 ml K_3EDTA	9.0 ml	16x100	K_3EDTA	24 months
2927	0.5 ml K_3EDTA Micro Tube	0.5 ml	10x45	K_3EDTA	24 months
2928	1.0 ml K_3EDTA Micro Tube	1.0 ml	10x45	K_3EDTA	24 months

TUBES WITH GEL
BLOOD CLOT ACTIVATOR

REFERENCE NUMBER	CAP COLOR : YELLOW DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2101	5 ml Serum GEL	5.0 ml	13x100	GEL+Clot Activator	18 months
2102	3.5 ml Serum GEL	3.5 ml	13x75	GEL+Clot Activator	18 months
2103	4 ml Serum GEL	4.0 ml	13x75	GEL+Clot Activator	18 months
2109	4 ml Serum GEL	4.0 ml	13x100	GEL+Clot Activator	18 months
2110	5 ml Serum GEL	5.0 ml	13x100	GEL+Clot Activator	18 months
2104	2 ml Serum GEL	2.0 ml	13x75	GEL+Clot Activator	12 months
2111	2.5 ml Serum GEL	2.5 ml	13x75	GEL+Clot Activator	12 months
2105	5.5 ml Serum GEL	5.5 ml	13x100	GEL+Clot Activator	18 months
2106	8 ml Serum GEL	8.0 ml	16x100	GEL+Clot Activator	18 months
2107	7 ml Serum GEL	7.0 ml	16x100	GEL+Clot Activator	18 months
2112	7.5 ml Serum GEL	7.5 ml	16x100	GEL+Clot Activator	18 months
2113	8.5 ml Serum GEL	8.5 ml	16x100	GEL+Clot Activator	18 months
2108	9 ml Serum GEL	9.0 ml	16x100	GEL+Clot Activator	18 months
2923	0.5 ml Serum Micro Tube	0.5 ml	10x45	GEL+Clot Activator	24 months
2924	1.0 ml Serum Micro Tube	1.0 ml	10x45	GEL+Clot Activator	24 months
2937	5 ml Serum GEL Prebarcoded	5.0 ml	13x100	GEL+Clot Activator	18 months

TUBES WITH GEL

BLOOD CLOT ACTIVATOR

- Used for clinical biochemistry and immunology serology tests.
- All volume variants are produced.
- With the gel, a barrier is created between the serum formed upon centrifugation. The gel forms a barrier in between.
- The inner surface of the tube is coated with the sprayed and dried clot activator to accelerate clotting.
- Can be produced with or without a barcode.

Different Languages

www.tttworld.com

COAGULATION SODIUM CITRATE
%3.2 (0.109 MOL/L)
BLOOD COLLECTION TUBES

- The fill volume of the tube is adjusted to obtain a 9:1 ratio (blood:citrate).
- Citrate coagulation tubes are produced with two diffrent values of buffered sodium citrate solutions as 0.109 mol/L (3.2%) and 0.129 mol/L (3.8%).
- Sodium citrate tubes are oftenly used for coagulation tests.
- Sodium citrate prevents blood clotting by binding the calcium ions.
- In compliance with the international standards, they are produced with double layers. The inner layer of the tube is made from polypropylene, the outer layer of the tube is made from polyethylene terephthalate (PET).

REFERENCE NUMBER	CAP COLOR : BLUE				
	DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2401	2.7 ml %3.2 Sodium Citrate	2.7 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	9 months
2402	1.8 ml %3.2 Sodium Citrate	1.8 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	6 months
2403	2.0 ml %3.2 Sodium Citrate	2.0 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	6 months
2404	2.5 ml %3.2 Sodium Citrate	2.5 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	6 months
2405	0.9 ml %3.2 Sodium Citrate	0.9 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	6 months
2406	3.0 ml %3.2 Sodium Citrate	3.0 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	9 months
2407	3.6 ml %3.2 Sodium Citrate	3.6 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	9 months
2408	4.0 ml %3.2 Sodium Citrate	4.0 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	9 months
2409	4.5 ml %3.2 Sodium Citrate	4.5 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	18 months
2410	4.5 ml %3.2 Sodium Citrate	4.5 ml	13x100	9NC Sodium Citrate %3.2 (0.109M)	18 months
2411	5.0 ml %3.2 Sodium Citrate	5.0 ml	13x100	9NC Sodium Citrate %3.2 (0.109M)	18 months
2412	6.0 ml %3.2 Sodium Citrate	6.0 ml	13x100	9NC Sodium Citrate %3.2 (0.109M)	18 months
2940	1.8 ml %3.2 Sodium Citrate Prebarcoded	1.8 ml	13x75	9NC Sodium Citrate %3.2 (0.109M)	6 months

COAGULATION SODIUM CITRATE
%3.8 (0.129 MOL/L)
BLOOD COLLECTION TUBES

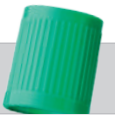
Different Languages

- They are prepared by spraying 0.129 mol/L (3.8%) buffered sodium citrate solution on the inner surface of the tubes, with the amount determined.
- Can be produced with or without a barcode.
- All volume variants are produced.

REFERENCE NUMBER	CAP COLOR : BLUE				
	DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2413	1.8 ml %3.8 Sodium Citrate	1.8 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	6 months
2414	2.0 ml %3.8 Sodium Citrate	2.0 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	6 months
2415	2.5 ml %3.8 Sodium Citrate	2.5 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	6 months
2416	2.7 ml %3.8 Sodium Citrate	2.7 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	9 months
2417	3.0 ml %3.8 Sodium Citrate	3.0 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	9 months
2418	3.5 ml %3.8 Sodium Citrate	3.5 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	9 months
2419	4.0 ml %3.8 Sodium Citrate	4.0 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	9 months
2420	4.5 ml %3.8 Sodium Citrate	4.5 ml	13x75	9NC Sodium Citrate %3.8 (0.129M)	18 months
2421	4.5 ml %3.8 Sodium Citrate	4.5 ml	13x100	9NC Sodium Citrate %3.8 (0.129M)	18 months

LITHIUM HEPARIN
BLOOD COLLECTION TUBES

- The inner surfaces of the tubes are with lithium heparin.
- Lithium Heparin tubes are produced with/without the tubes gel variations.
- Can be produced with or without a barcode.



REFERENCE NUMBER	CAP COLOR : GREEN DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2319	1 ml Li-Heparin	1.0 ml	13x75	LH/Lithium Heparin	11 months
2301	2 ml Li-Heparin	2.0 ml	13x75	LH/Lithium Heparin	11 months
2311	3 ml Li-Heparin	3.0 ml	13x75	LH/Lithium Heparin	16 months
2320	3.5 ml Li-Heparin	3.5 ml	13x75	LH/Lithium Heparin	16 months
2302	4 ml Li-Heparin	4.0 ml	13x75	LH/Lithium Heparin	16 months
2321	4.5 ml Li-Heparin	4.5 ml	13x100	LH/Lithium Heparin	17 months
2322	5 ml Li-Heparin	5.0 ml	13x100	LH/Lithium Heparin	17 months
2303	6 ml Li-Heparin	6.0 ml	13x100	LH/Lithium Heparin	17 months
2323	6 ml Li-Heparin	6.0 ml	16x100	LH/Lithium Heparin	24 months
2312	7 ml Li-Heparin	7.0 ml	16x100	LH/Lithium Heparin	24 months
2313	8 ml Li-Heparin	8.0 ml	16x100	LH/Lithium Heparin	24 months
2314	9 ml Li-Heparin	9.0 ml	16x100	LH/Lithium Heparin	24 months
2315	10 ml Li-Heparin	10.0 ml	16x100	LH/Lithium Heparin	24 months
2304	3 ml Li-Heparin+GEL	3.0 ml	13x75	GEL+LH/Lithium Heparin	16 months
2324	3.5 ml Li-Heparin+GEL	3.5 ml	13x75	GEL+LH/Lithium Heparin	17 months
2305	3.5 ml Li-Heparin+GEL	3.5 ml	13x100	GEL+LH/Lithium Heparin	17 months
2306	4.5ml Li-Heparin+GEL	4.5 ml	13x100	GEL+LH/Lithium Heparin	17 months
2307	5 ml Li-Heparin+GEL	5.0 ml	13x100	GEL+LH/Lithium Heparin	17 months
2316	8 ml Li-Heparin+GEL	8.0 ml	16x100	GEL+LH/Lithium Heparin	24 months
2929	0.5 ml Li-Heparin Micro Tube	0.5 ml	10x45	LH/Lithium Heparin	24 months
2930	1.0 ml Li-Heparin Micro Tube	1.0 ml	10x45	LH/Lithium Heparin	24 months
2942	4.5 ml Li-Heparin+GEL Prebarcoded	4.5 ml	13x100	GEL+LH/Lithium Heparin	17 months
2943	5 ml Li-Heparin+GEL Prebarcoded	5.0 ml	13x100	GEL+LH/Lithium Heparin	17 months

SODIUM HEPARIN
BLOOD COLLECTION TUBES

- All volume variants are produced.
- Can be produced with or without a barcode.
- The inner surfaces of the tubes are coated with sodium heparin.

Different Languages

REFERENCE NUMBER	CAP COLOR : GREEN				
	DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2308	2 ml Na-Heparin	2.0 ml	13x75	NH/Sodium Heparin	11 months
2309	4 ml Na-Heparin	4.0 ml	13x75	NH/Sodium Heparin	16 months
2310	6 ml Na-Heparin	6.0 ml	13x100	NH/Sodium Heparin	17 months
2317	8 ml Na-Heparin	8.0 ml	16x100	NH/Sodium Heparin	24 months
2318	9 ml Na-Heparin	9.0 ml	16x100	NH/Sodium Heparin	24 months

BLOOD COLLECTION TUBES WITH CLOT ACTIVATOR

- Can be produced with or without a barcode.
- All volume variants are produced.
- The inner surfaces of the tubes are coated with the sprayed and dried blood clot activator to accelerate coagulation.

Different Languages

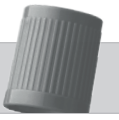
REFERENCE NUMBER	CAP COLOR : RED DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2601	1 ml Tube CAT	1.0 ml	13x75	Clot Activator	16 months
2602	2 ml Tube CAT	2.0 ml	13x75	Clot Activator	16 months
2603	3 ml Tube CAT	3.0 ml	13x75	Clot Activator	16 months
2604	4 ml Tube CAT	4.0 ml	13x75	Clot Activator	16 months
2605	4 ml Tube CAT	4.0 ml	13x100	Clot Activator	17 months
2606	5 ml Tube CAT	5.0 ml	13x100	Clot Activator	17 months
2607	6 ml Tube CAT	6.0 ml	13x100	Clot Activator	17 months
2614	7 ml Tube CAT	7.0 ml	16x100	Clot Activator	24 months
2615	8 ml Tube CAT	8.0 ml	16x100	Clot Activator	24 months
2616	9 ml Tube CAT	9.0 ml	16x100	Clot Activator	24 months
2617	10 ml Tube CAT	10.0 ml	16x100	Clot Activator	24 months
2945	3 ml CAT Prebarcoded	3.0 ml	13x75	Clot Activator	16 months

SODIUM FLUORIDE AND POTASSIUM OXALATE

BLOOD COLLECTION TUBES

- Can be produced with or without a barcode.
- All volume variants are produced.
- The inner surface of the tubes was prepared by spraying Potassium Oxalate/Sodium Fluoride.
- Sodium fluoride is used to prevent glycolysis in the blood.

Different Languages



REFERENCE NUMBER	DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
	CAP COLOR : GREY				
02501	2 ml FX	2.0 ml	13x75	Sodium Fluoride and Potassium Oxalate	16 months
02502	4 ml FX	4.0 ml	13x75	Sodium Fluoride and Potassium Oxalate	16 months
02503	5.5 ml FX	5.5 ml	13x100	Sodium Fluoride and Potassium Oxalate	16 months
02941	2 ml FX Prebarcoded	2.0 ml	13x75	Sodium Fluoride and Potassium Oxalate	16 months
02504	2 ml NaF Na_2EDTA	2.0 ml	13x75	Sodium Fluoride and Sodium EDTA	16 months
02505	4 ml NaF Na_2EDTA	4.0 ml	13x75	Sodium Fluoride an Sodium EDTA	16 months

TRACE ELEMENT
VACUUM BLOOD COLLECTION TUBES

- All volume variants are produced.
- It is used in the determination of trace elements.
- Can be produced with or without a barcode.

Different Languages

REFERENCE NUMBER	CAP COLOR : NAVY BLUE DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2905	6.0 ml K_2EDTA	6.0 ml	13x100	K_2EDTA 10.8 mg	17 months
2952	2.0 ml Clot	2.0 ml	13x75	Clot Activator	16 months
2954	3.0 ml Clot	3.0 ml	13x75	Clot Activator	16 months
2944	3.0 ml Clot Prebarcoded	3.0 ml	13x75	Clot Activator	16 months
2953	4.0 ml Clot	4.0 ml	13x75	Clot Activator	16 months
2971	5.0 ml Clot	5.0 ml	13x100	Clot Activator	17 months
2906	6.0 ml Clot	6.0 ml	13x100	Clot Activator	17 months
2974	6 ml NaH K_2EDTA	6.0 ml	13x100	Sodium Heparin K_2EDTA	17 months
2975	7 ml NaH K_2EDTA	7.0 ml	13x100	Sodium Heparin K_2EDTA	17 months

ERYTHROCYTE SEDIMENTATION
VACUUM BLOOD COLLECTION TUBES

- Erythrocyte sedimentation rate determination tubes are produced in different volumes suitable for manual measurement or automaticon measurement.
- Citrate tubes are filled with (3.2%) buffered sodium citrate solution.
- Can be produced with or without a barcode.
- All volume variants are produced.
- The fill volume of the tubes are adjusted to obtain a 4:1 ratio (blood:citrate).

Different Languages

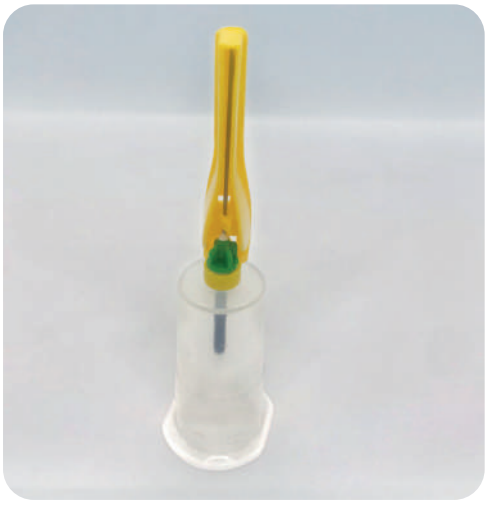
CAP COLOR : BLACK

REFERENCE NUMBER	DESCIRPTION	VOLUME	TUBE SIZE	CONTENTS	SHELF LIFE
2701	2 ml ESR MANUEL Tube	2.0 ml	13x75	4NC Sodium Citrate %3.2	18 months
2702	2.4 ml ESR MANUEL Tube	2.4 ml	13x75	4NC Sodium Citrate %3.2	18 months
2705	2.4 ml ESR MANUEL Tube	2.4 ml	13x75	4NC Sodium Citrate %3.8	18 months
2703	1.6 ml ESR Glass Tube Automatic System	1.6 ml	9x120	4NC Sodium Citrate %3.2	12 months
2706	1.6 ml ESR Glass Tube Automatic System	1.6 ml	9x120	4NC Sodium Citrate %3.8	12 months
2704	1.28 ml ESR Glass Tube Automatic System	1.28 ml	8x120	4NC Sodium Citrate %3.2	12 months
2707	1.8 ml ESR Glass Tube Automatic System	1.8 ml	8x100	4NC Sodium Citrate %3.2	12 months
2708	5.0 ml ESR Glass Tube Automatic System	5.0 ml	10.5x120	4NC Sodium Citrate %3.2	12 months

HOLDERS

- Our holders with luer tip enable blood collection from vascular access without any need for extra needle.
- Our regular holders have two models as safety and standard.
- Our single-use safety holders have a safety mechanism which enables the practitioner to terminate the blood collection application in a safe and hygienic way without contacting the needle after collecting the blood from the patient.
- There are different types of holders that allow single use or multiple use.

Different Languages



BLOOD COLLECTION PEN TYPE NEEDLES

Different Languages

- Blood collection needles allow to collect blood from more than one tube.
- Blood collection needles are provided as standard or safety version with different gauges.
- Produced sterile.
- We have unique locked and secure holders for our blood collection / pen type needles.

BLOOD COLLECTION / PEN TYPE NEEDLE

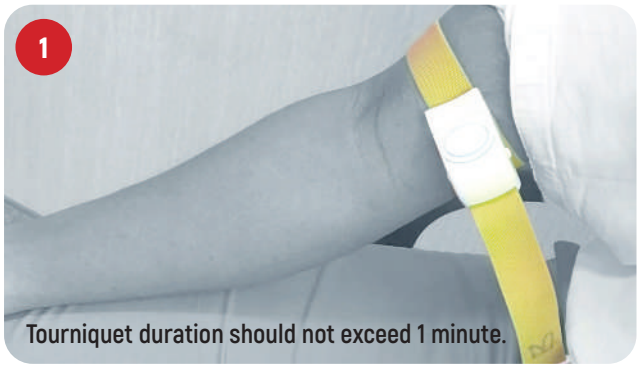
PRODUCT TYPE	COLOR	THICKNESS
STANDARD BLOOD COLLECTION / PEN TYPE NEEDLE	PINK	18G
STANDARD BLOOD COLLECTION / PEN TYPE NEEDLE	YELLOW	20G
STANDARD BLOOD COLLECTION / PEN TYPE NEEDLE	GREEN	21G
STANDARD BLOOD COLLECTION / PEN TYPE NEEDLE	BLACK	22G
STANDARD BLOOD COLLECTION / PEN TYPE NEEDLE	BLUE	23G

TTT WORLD® WITH PRODUCTS BLOOD COLLECTION PROCESS SEQUENCE

Different Languages

TTT WORLD

1

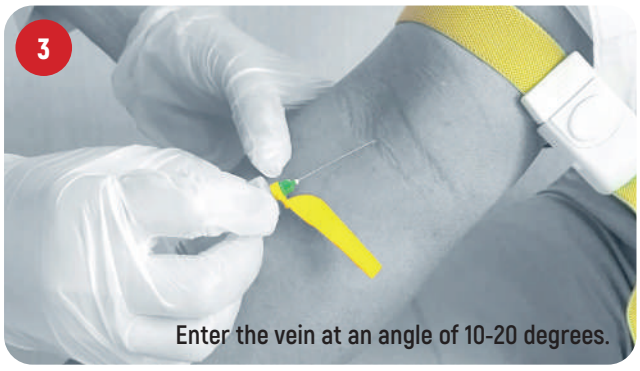


Tourniquet duration should not exceed 1 minute.

2

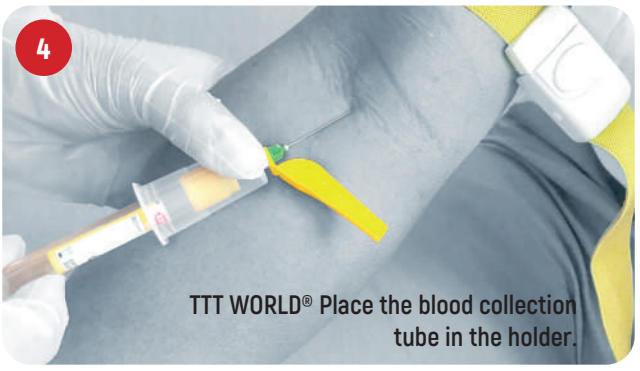
The vein entry area is made with circular movements. should be wiped with a skin disinfectant. Disinfectant should be allowed to dry.

3



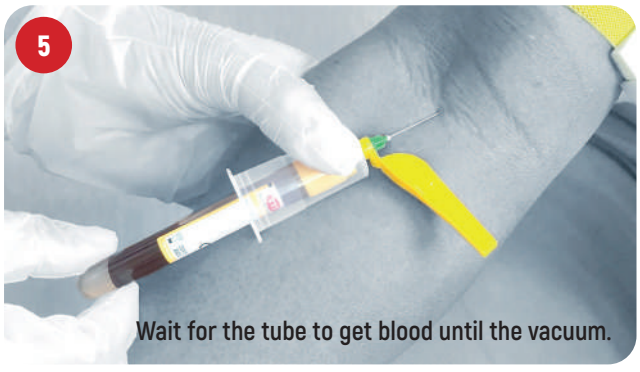
Enter the vein at an angle of 10-20 degrees.

4



TTT WORLD® Place the blood collection tube in the holder.

5

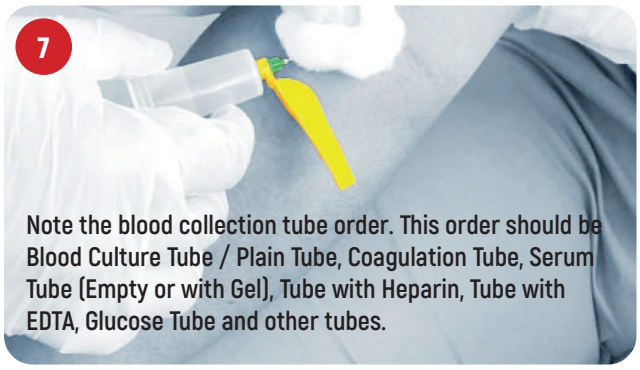


Wait for the tube to get blood until the vacuum.

6

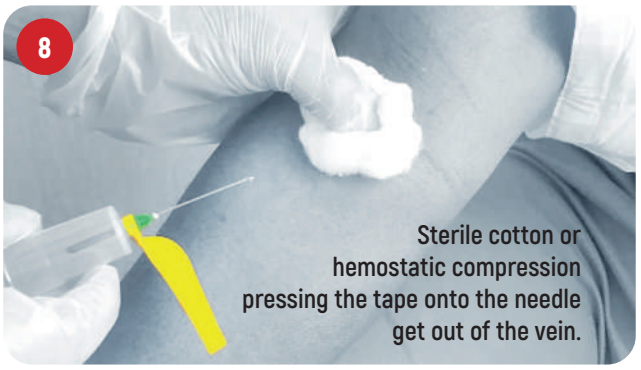
tube in slow motion.
Turn it upside down 7-8 times.
One hand holder of the blood collection tube secure and pull with your other hand.

7



Note the blood collection tube order. This order should be Blood Culture Tube / Plain Tube, Coagulation Tube, Serum Tube (Empty or with Gel), Tube with Heparin, Tube with EDTA, Glucose Tube and other tubes.

8

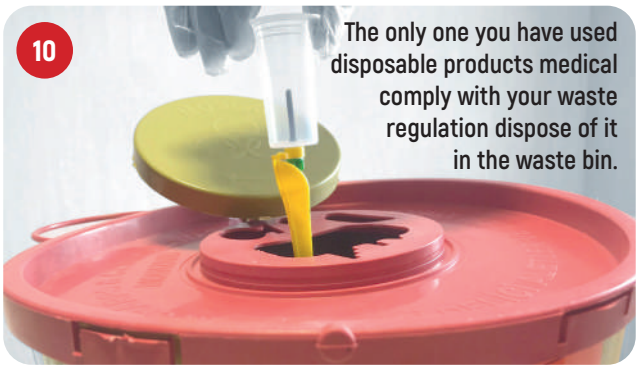


Sterile cotton or hemostatic compression pressing the tape onto the needle get out of the vein.

9

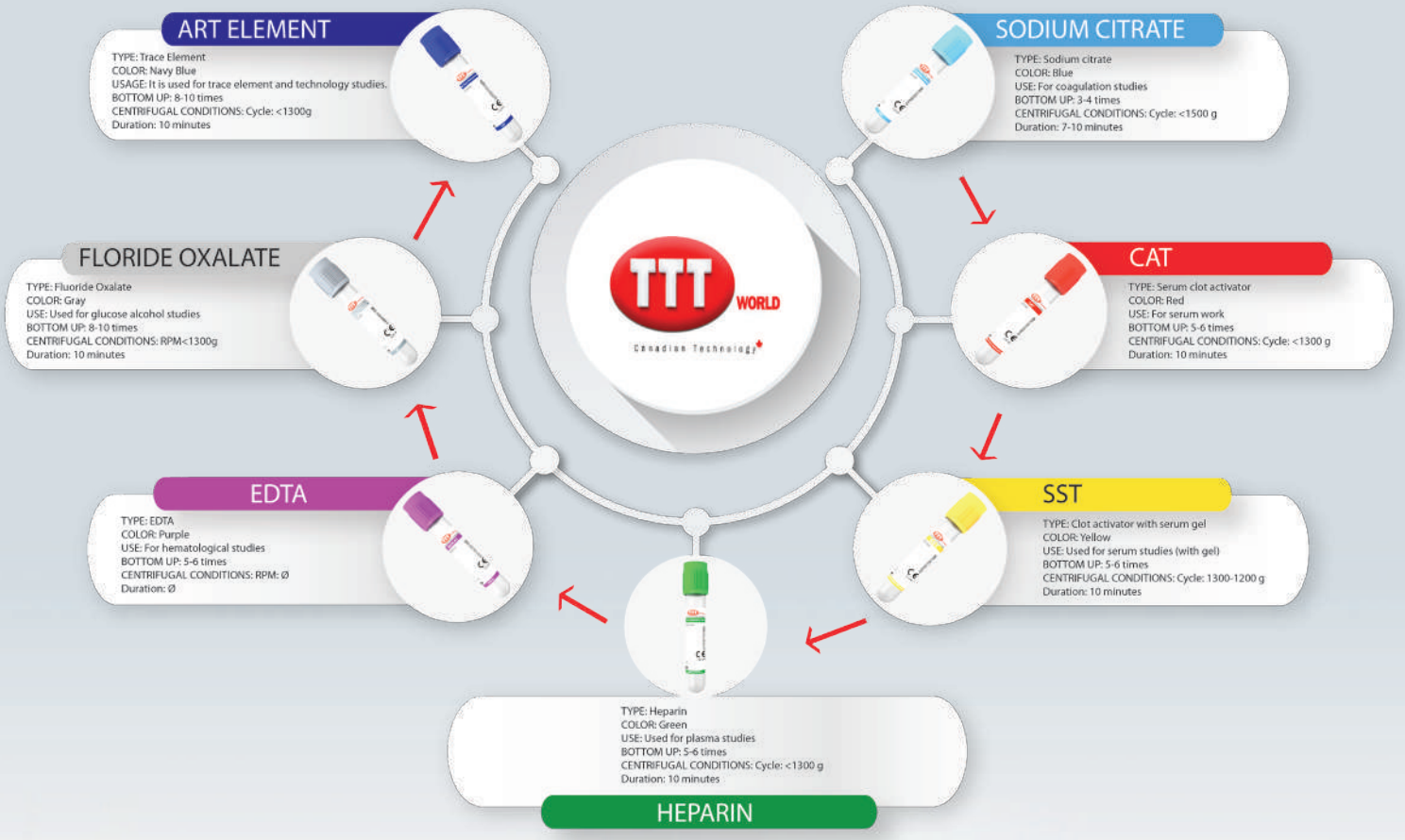
On the secure holder
Close the safety cap over the needle.

10



The only one you have used disposable products medical comply with your waste regulation dispose of it in the waste bin.

TTT WORLD®
BLOOD COLLECTION TUBES



Different Languages

SCALP VEIN SET - SAFETY

- According to the demand, scalp vein sets can be provided with luer-adapters assembled to the tip set's tube, which enables to directly contact scalp vein set to blood collection tubes.
- They are used for blood collection from difficult or thin veins.

Different Languages

SCALP VEIN SET - SAFETY		
PRODUCT TYPE	RENK / COLOR	KALINLIK / THICKNESS
SAFETY SCALP VEIN SET	*GREEN*	21G 3/4 - 7"
SAFETY SCALP VEIN SET	*BLUE*	23G 3/4 - 12"

TTT WORLD

International Organization for Standardization ISO 9001

International Organization for Standardization ISO 13485

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Different Languages

SWAB TUBE -PCR

- Used for safe and hygienic transfer of the swab sample collected from oral or nasal mucosa to the laboratory.
- Contains SWAB transfer solution.
- Produced as 13*75, 13*100, 16*100.

Different Languages

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URINE TUBE (4ml/9ml)

Different Languages

REFERENCE NUMBER	CAP COLOR : YELLOW	
	DESCIRPTION	SHELF LIFE
02931	VACUUM URINE TUBE (9ML)	24 months
02973	NON-VACUUM URINE TUBE (4ML)	24 months

NON-VACUUM URINE CUP

INTEGRATED URINE COLLECTION SYSTEM WITH VACUUM URINE TUBE AND CUP

- Vacuum and Non-Vacuum
- Sterile and Non-sterile
- 60 ml and 100 ml.
- There is a cover design suitable for liquid transfer.

24 HOURS URINE COLLECTION CONTAINER

Different Languages

- Urine collection containers are produced with polypropylene;
  - Sterile - Non- sterile
  - Vacuum - Non-vacuum
- 24-Hour urine collection containers are hygienic and consists product and application varieties.

STOOL CONTAINERS

- Stool containers provide hygienic application comfort. They are produced with different volumes and with/without spoon options.
- Stool containers with/without spoon are produced from polypropylene.

STOOL CONTAINERS WITH SPOON

HEXA -VINYL GLOVE

- It is an alternative and strategic product specially produced from vinyl derivatives.
- It is produced in small, medium and large sizes.
- Is a strategic product produced as an alternative to the standard gloves.
- Suitable for use with liquid disinfectants.
- High precision product.
- eco-friendly.
- Non-allerg c for latex sensitives.
- Produced in our factory as a result of our R&D studies.
- Powder-free.
- Suitable for medical, food or any field requiring hygiene with safe and ergonomic use.

Different Languages

MEDICAL COTTON

Soft Support | *Buffer* | *Absorbing* | *Protecting*

Different Languages

- High-level water absorbance and liquid retention.
- Suitable for medical dressing thanks to its absorbing capacity and sterile option.
- There is no limiting factor for the storage life under the proper temperature and humidity conditions.

DISPOSABLE SHOE COVER

- Having a wide-range of areas of usage, disposable shoe covers are used especially in hospitals, laboratories, sport facilities, food-preparing facilities and dust-sensitive factories.
- In order to inhibit spread of infection, produced as single-use and if demanded, sterile.
- Elastic.

MEDICAL WASTE BOX

- It is necessary for the medical radiations of used medicinal products. It is used to isolate sources of infection. Designed in accordance with the occupational safety of health workers.
- It is disposable
- They are destroyed together with the products in the boxes.
- There are various sizes.

Different Languages

SAMPLE CONTAINER

- It is used to store samples taken in pathology and all medical operations.
- Disposable.
- Has various sizes.
- Watertight.
- Resistant to low and high temperatures.

BONNET

- Suitable for all hygiene-requiring environments.
- Eco-friendly
- Anti-static.
- Practical single package.
- Breathable.

Different
Languages

GOWN

- Sms fabric.
- 45 gr+
- Single use.
- Has liquid pushing.
- Size S-3xl.
- Sterile-nonsterile.
- Resistant to puncture, tear and abrasion.
- There are adhesive section on the neck and a lace at the waist.

Different Languages

TTT WORLD® KAN ALMA LABELING SYMBOLS

- Disposable
- Expiration date
- LOT Lot number
- REF Referance number
- Production date
- Producer
- Protect from sun
- Do not use the product whose packaging is damaged.
- STERILE EO Ethylene oxide sterilization
- STERILE R Radiation sterilization
- CE mark
- IVD In vitro diagnostic medical device
- Consult the operating instructions
- Temperature limit
- Latex free
- Cannot be sterilized for the 2nd time

İDRARDAN KOVİD-19 TEŞHİSİ

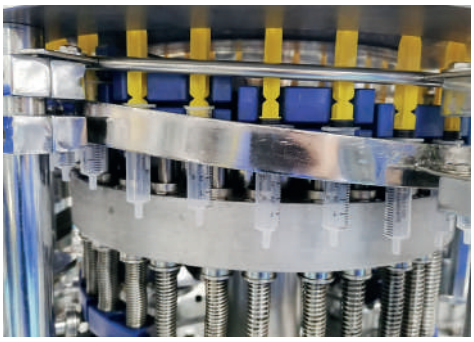
Yerli ve milli olarak üretik

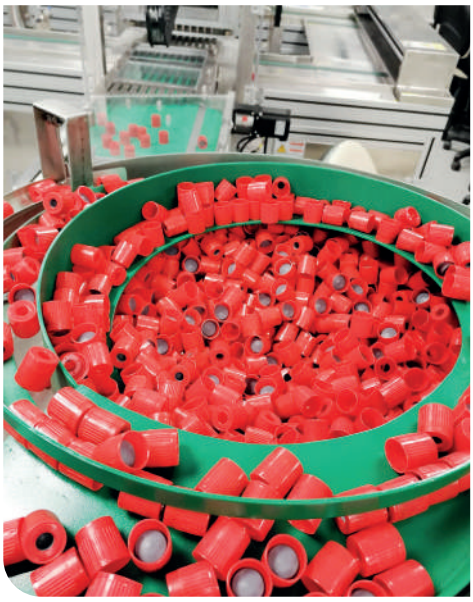
11 bin 180 vaka 202 can ka

Mutasyonlu EDREMİT'te

TTTWorld, kan tüpü ve serum setleri üretecek

Yurt dışında da üretim yapmayı planlıyor





ekonomi
10 Eylül 2021 Cuma

Anadolu Sigorta'ya iki gümüş ödül

AVRUPA'YA ÇİN'DEN VE ABD'DEN DAHA FAZLA ÜRÜN SATIYORUZ

Sağlık malzemelerinde **bağımlılık** azalıyor

NİĞDE'DEKİ YATIRIMLA 500 KİŞİYE DE İŞ SAĞLANACAK

Stratejik sağlık ürünlerine 500 milyon TL'lik yatırım ile enjektör, kan tüpü ve serum setleri yerli olarak üretilecek

Sağlık sanayiinde dev yatırım

ERDOĞAN'IN TALİMATIYLA

Sağlıkta tam bağımsızlık dönemi

Türkiye kan tüpünde ihracatçı konuma geçti

Türk hekim korona tespiti için idrar kiti geliştirdi

Virüsü lehimize çevirebiliriz

SAĞLIK Yatırımcıları Derneği Başkanı Dr. İhsan Şahin, şırınga iğnesi dahil sağlık ekipmanlarının yaklaşık yüzde 95'ini ithal eden Türkiye için koronavirüs salgınının büyük bir yatırım fırsatına dönüştürülebileceğini söyledi. Çin'in koronavirüs nedeniyle bir çok alanda üretim yapamaz hale geldiğine dikkat çeken Şahin, "Çin, basit sarf malzemeleri üretiminde dünya talebinin yaklaşık yüzde 60'ını tek başına karşılıyor. Çin fabrikaları 3 aydır çalışmıyor, adeta kontak kapattı. Çin'in ihracatçı olduğu maske, enjektör, tıbbi önlük ve dezenfekte solüsyonu malzemelerini şimdi kendisi ithal etmek istiyor. Türkiye medikal sanayi olarak diğer sanayilerden önde. Destek verilirse sarf malzemelerini rahatlıkla üretebilir ve dünya pazarının yüzde 20'sini bir yılda ele geçirebiliriz" dedi. SYD Başkanı Şahin, sahibi olduğu Sala Grup'un Gölbaşa'da 500 milyon liralık yatırımla enjektör, kan tüpü ve serum gibi sağlık setleri üretmek amacıyla kurduğu TTT World fabrikasında sağlık sektöründeki yatırım fırsatlarını anlattı.

KAMU YERLİ ALSIN

Şahin, "Yerli sanayiyi desteklememiz gerekiyor. Eğer bu süreçte kamu, 5 yıl boyunca ihtiyacının 3'te birini ya da 5'te birini yerli firmalardan almayı garanti ederse yerli üretim hızla artar" dedi.

Dr. İhsan Şahin'in verdiği bilgiye göre Türkiye'de her yıl 1.5 milyar adet iğne ucu tüketiliyor. Bunun için dışarıya yaklaşık 150-200 milyon dolar ödüyor.

T.C. İSTANBUL ANADOLU 8. ASLİYE TİCARET MAHKEMESİ'NDEN

TTT World® brand is established by SILA GROUP with Canadian know how with the aim of producing cost-effective, and innovative health and medical consumable products at the global quality standards by using leading- edge technology.
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Different Languages