



VACUSERA

PRODUCT CATALOGUE

disera
RESULTS OF THE SCIENTIFIC PROCESS



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DISERA WAS ESTABLISHED IN 1996 AND AFTER 2003 BOTH PRODUCTION AND SALES ACTIVITIES HAVE BEEN INCREASED

Disera was established in 1996 and after 2003 both production and sales activities have been increased.

Investment in production started in 2004 and product portfolio consists of urine beakers, sharp boxes, vaginal speculum and petri dishes. In 2014 our production investment reached in a different stage by the evacuated vacuum tube production.

Vacusera evacuated blood collection tubes are the experience combined in diagnostic field and the production technology.

In 2014 we moved to our new factory building in Tire Organized Industrial Area, Izmir - TURKEY.

All products produced have the CE mark and the entire production operation is carried out in accordance with ISO 13485:2016 quality management systems.

OUR MISSION

Manufacturing eco-friendly and high quality products that are appropriate for principles of medical device regulation.

Creating customers who engage with our brand.

Providing the essential equipment which will render service to increase the standard of living and community health level.

OUR VISION

Being a medical device manufacturer with the highest market share and offering the variety of product range.

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 DİSERA.

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.

Vacusera Blood Collection Tubes are made of unbreakable PET tube, butyl rubber stopper and polyethylene cap. We offer medical paper labeled tubes and also transparent labeled tubes.

All components of Vacusera Blood Collection Systems improve patient's comfort, help safe and quality blood collection and also reliable test results.





NUMBER	VACUSERA BLOOD COLLECTION COMPONENTS	LETTER CODE	ADDITIVE
1	Vacusera Blood Collection Tube	K2E	EDTA Dipotassium Salt
2	Safety Cap	K3E	EDTA Tripotassium Salt
3	Vacusera Safety Holder	9NC	Trisodium Citrate 9:1
4	Vacusera Blood Collection Needle	4NC	Trisodium Citrate 4:1
5	Vacusera Safety Blood Collection Set with Safety Shield	FE	Sodium Fluoride / EDTA
6	Vacusera Luer Adapter	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		Sterilized Using Ethylene oxide
	Use By-Date		Sterilized Using Irradiation
	Batch Code		CE Mark
	Reference Number		In Vitro Diagnostic Medical Device
	Date of Manufacture		Consult Instructions for Use
	Manufacturer		Temperature Limit
	Keep away from sunlight		Latex free
	Do not use if package is damaged		Do not Resterilize
	Keep Dry		Caution
	Non-pyrogenic		Non-Sterile
	Phthalate Free		



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 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	●
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	●
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	●
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	●

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+APROTIMIN 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	●
434654	VACUSERA 4 ml K3E/K3EDTA+Aprotinin	4	13 x 75	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 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 tube do not contain any additives and are used for collecting Cerebrospinal Fluid.

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/K2 Edta	4	13 x 75	K2 Edta	18 months	Paper	100/1200	●
235636	VACUSERA 6 ml Crossmatch K2E/K2 Edta	6	13 x 100	K2 Edta	18 months	Paper	100/1200	●
234644	VACUSERA 4 ml Crossmatch K3E/K3 Edta	4	13 x 75	K3 Edta	18 months	Paper	100/1200	●
235646	VACUSERA 6 ml Crossmatch K3E/K3 Edta	6	13 x 100	K3 Edta	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/K2 Edta	4	13 x 75	K2 Edta	18 months	Transparent	100/1200	●
435636	VACUSERA 6 ml Crossmatch K2E/K2 Edta	6	13 x 100	K2 Edta	18 months	Transparent	100/1200	●
434644	VACUSERA 4 ml Crossmatch K3E/K3 Edta	4	13 x 75	K3 Edta	18 months	Transparent	100/1200	●
435646	VACUSERA 6 ml Crossmatch K3E/K3 Edta	6	13 x 100	K3 Edta	18 months	Transparent	100/1200	●



VACUSERA GLUCOSE TUBES

Vacusera Glucose Tubes contain Sodium Fluoride and K3 EDTA, Sodium Fluoride and Potassium Oxalate and also Sodium Fluoride+Na2 Edta. Glucose tubes are used for glucose determinations like blood sugar, sugar tolerance, ethanol 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	●
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	●



VACUSERA BLOOD COLLECTION NEEDLES

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

18 G pink, 20 G yellow, 21 G green and 22 G black needles are available and easy to be identified by the needle hub color. Vacusera Vision Needles help the users to have a visual control during blood collection. Four types of Vacusera Vision Needles are available: 20 G, 21 G and 22 G

Reference Number	Description	Size	Pack/Carton	Colour
250018K	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	
250021K	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	
252020	Luer Adapter 20 G	20 G	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	
251021K	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	
253021K	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	
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	



ACCESSORIES

Vacusera Accessories provide necessary products for blood collection.

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 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

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



Reference Number	Description	Size (mm)	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	●

BLOOD COLLECTION SETS WITH SAFETY SHIELD + HOLDER



Reference Number	Description	Size (mm)	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	●

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	100/2000
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

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

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	50/1000	●

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	●
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	●
238415	VACUSERA MINI 0.5 ml LH/Lithium Heparin+GEL	0.5	LH/Lithium Heparin+GEL	50/1000	●

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	●
434902	VACUSERA 2 ml ESR Tube	2	13 x 75	4NC Sodium Citrate 3.2%	12 months	Transparent	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
235806	VACUSERA 6 ml Urine Tube	6	13 x 100	No Additive	18 months	Paper	100/1200	●
236800	VACUSERA 10 ml Urine Tube	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	●
435806	VACUSERA 6 ml Urine Tube	6	13 x 100	No Additive	18 months	Transparent	100/1200	●
436800	VACUSERA 10 ml Urine Tube	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 HOUR Urine Container 3L	3000			60 months		20	

VACUSERA BLOOD COLLECTION SYSTEMS ORDER OF DRAW

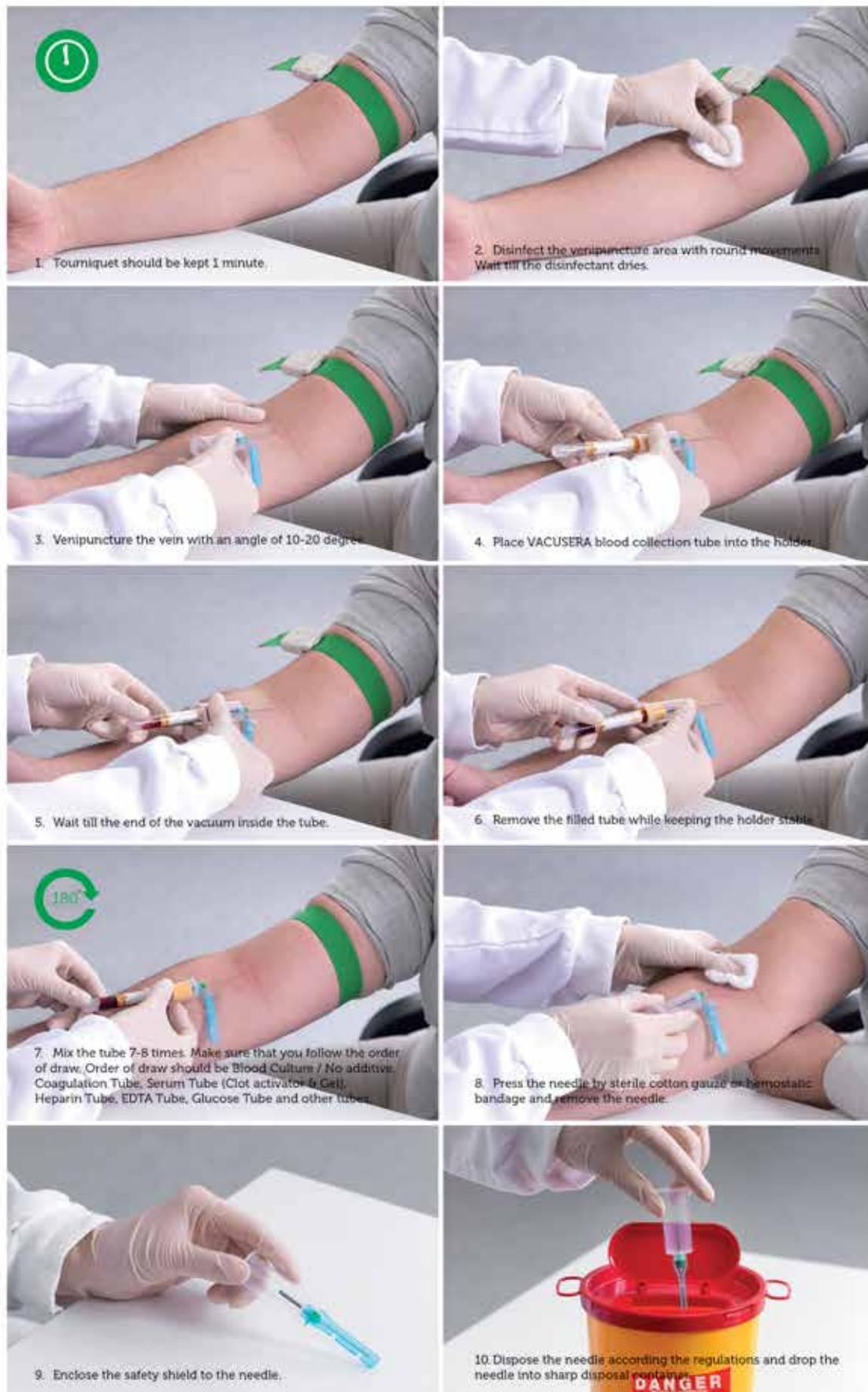


DRAW VOL	COLOR CODE	TUBE TYPE	DESCRIPTION	MIXING	CENTRIFUGE SPEED & TIME
1 ml / 1.8 ml 2.7 ml / 3.6 ml / 4.5 ml		SODIUM CITRATE	COAGULATION TEST	3-4	2000-2500 g (RCF) 10 -15 MIN
1.28 ml / 1.6 ml / 2 ml		ESR	SEDIMENTATION TEST	3-4	
1 ml / 2 ml / 3 ml / 4 ml 6 ml / 9 ml / 10 ml		CLOT ACTIVATOR	SERUM TEST	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
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 TESTS	8-10	1100-1500 g (RCF) 10 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
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	
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

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

BLOOD COLLECTION STEPS





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RESULTS OF THE SCIENTIFIC PROCESS

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