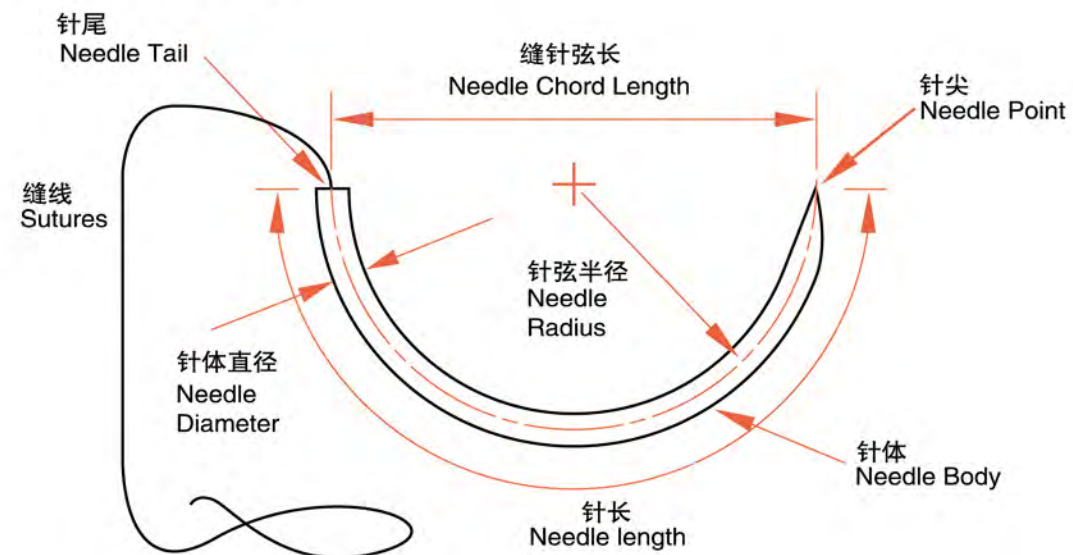


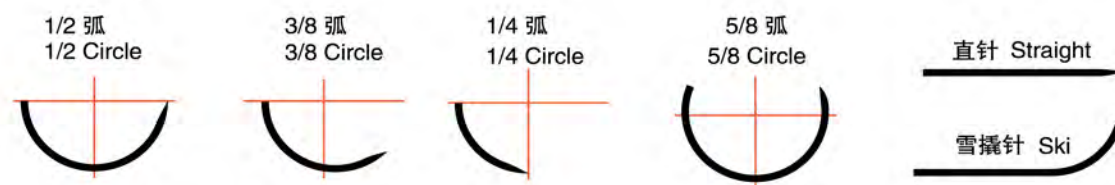


TECHNICAL SPECIFICATIONS

Needle anatomy



Basic Shapes

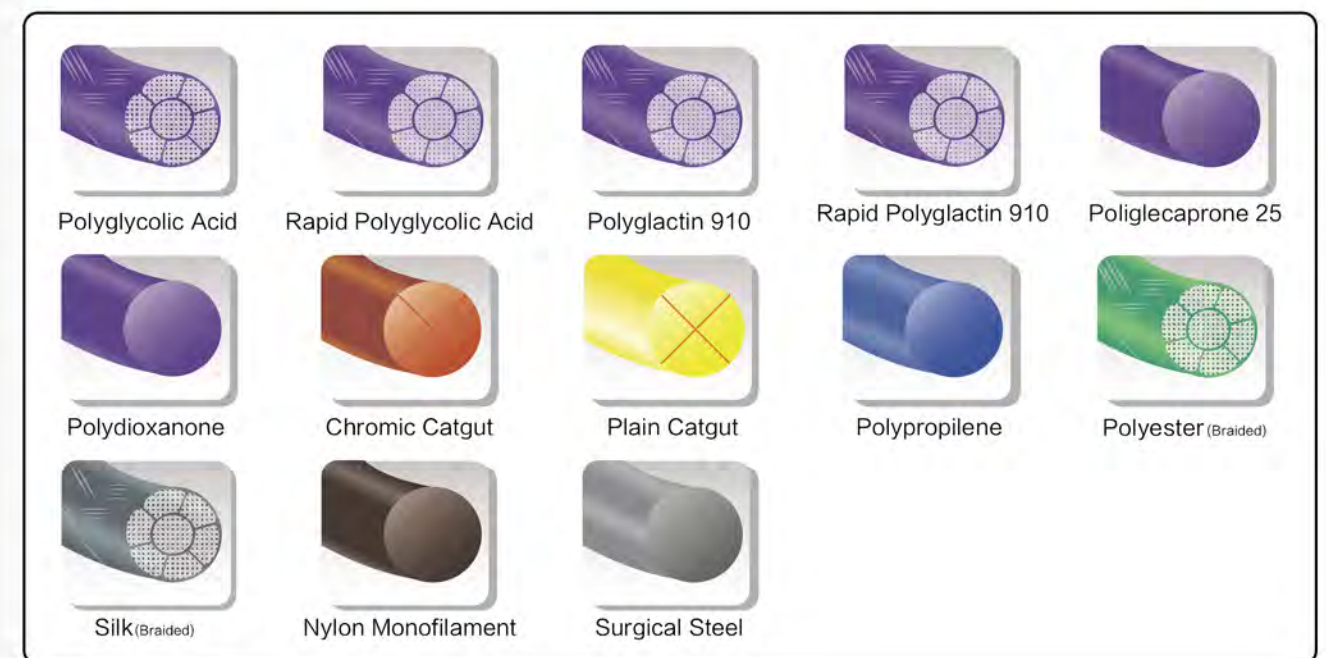


Major Types

Needle Type

Needle Shape	Point Type	Symbol
	Round Bodied	●
	Curved Cutting	▲
	Reverse Cutting	▼
	Taper	⊕
	Blunt Point	⊙
	Precision Point-Reverse Cutting	▼
	Micropoint Curved Spatula	▼

Suture Materials



Needle Type Photo



Code Guide

CODE	CODE	CODE	CODE	CODE	CODE
Polyglycolic Acid PGA	45 cm 1	11/0 110	3,7 03,7 20 20	Straight A	● Round Bodied 0
Rapid Polyglycolic Acid RPGA	75 cm 2	10/0 100	3,9 03,9 24 24	1/2 Circle B	● Round Bodied Heavy 1
Polyglactin 910 PGLA	100 cm 3	9/0 90	4,7 04,7 25 25	1/2 Circle (Double) C	▲ Curved Cutting 2
Rapid Polyglactin 910 RPGLA	125 cm 4	8/0 80	5,1 05,1 26 26	1/4 Circle D	▲ Curved Cutting Heavy 3
Poliglecaprone 25 PGCL	150 cm 5	7/0 70	6 06 27 27	1/4 Circle (Double) E	▼ Reverse Cutting 4
Polydioxanone PDS	60 cm 6	6/0 60	6,2 06,2 30 30	3/8 Circle F	▼ Reverse Cutting Heavy 5
Chromic Catgut CC	70 cm 7	5/0 50	6,5 06,5 35 35	5/8 Circle G	⊖ Taper 6
Plain Catgut CP	90 cm 8	4/0 40	7,1 07,1 36 36	5/8 Circle (Double) H	⊖ Taper Heavy 7
Polypropilene PM	13 cm 9	3/0 30	8 08 37 37	LOOP Round I	○ Blunt Point 8
Polyester (Braided) PB	30 cm 10	2/0 20	8,5 08,5 38 38		○ Blunt Point Heavy 9
Polyester (Braided) PB	50 cm 11	0 00	10 10 40 40		▲ Staigt Cutting 10
Silk (Braided) SK	120 cm 12	1 01	11 11 45 45		▼ Micropoint Reverse Cutting 11
Nylon Monofilament NL	180 cm 13	2 02	12 12 47 47		
Surgical Steel SW	20 cm 14	3 03	13 13 48 48		
		4 04	13,3 13,3 50 50		
		5 05	15 15 60 60		
			16 16 65 65		
			17 17 75 75		
			19 19 76 76		

SW 7 10 28 B 2

SK71028B2



Polyglycolic Acid

Component: composed of Polyglycolic acid coated with polycaprolactone and calcium stearate

Structure: Multifilament

Coating Material: Polycaprolactone & Calcium stearate

Color: Violet&undyed

Applications: PGA Suture is indicated in Obstetrics and gynecology, general surgery, urology, plastic surgery, orthopedics, thoracic surgery, ophthalmology.

Absorbable: Absorbable ,also Absorbable by hydrolysis

Absorption: Complete mass absorption in approximately 60-90 days



Polyglactin 910

Component: Made of a copolymer of glycolide and L-latide poly(glycolide-co-L-lactide)

Structure: multifilament

Coating Material: Polycaprolactone & Calcium stearate

Color: Violet&undyed

Applications: Polyglactin 910 is indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic procedures, but not for use in cardiovascular and neurological tissues,

Absorbable: Absorbable ,also Absorbable by hydrolysis

Absorption: Complete mass absorption in approximately 56-70 days



Polyglycolic Acid Rapid

Component: composed of Polyglycolic acid coated with polycaprolactone and calcium stearate

Structure: Multifilament

Coating Material: Polycaprolactone & Calcium stearate

Color: Violet&undyed

Applications: Suture of choice in oral and scalp wounds, episiotomy surgery, closure of laceration under cast. Etc

Absorbable: Absorbable ,also Absorbable by hydrolysis

Absorption: Complete mass absorption in approximately 60-90 days



Rapid Polyglactin 910

Component: Made of a copolymer of glycolide and L-latide poly(glycolide-co-L-lactide)

Structure: multifilament

Coating Material: Polycaprolactone & Calcium stearate

Color: Violet&undyed

Applications: Rapid Polyglactin 910 is indicated only for use in superficial soft tissue approximation of the skin and mucosa, where only short term wound support (7-10 days) is required. and not intended for use in ligation, ophthalmic, cardiovascular or neurological procedures

Absorbable: Absorbable also absorbable by hydrolysis

Absorption: Complete mass absorption in approximately 56-70 days



■ Polydioxanone suture

Component:	Polydioxanone Polymer.
Structure:	Monofilament
Coating Material:	None
Color:	Violet
Applications:	Polydioxanone for use in general orthopaedic surgery, paediatric cardiovascular surgery, general, sub cuticular and fascia closure etc.
Absorbable:	Absorbable also absorbable by hydrolysis
Absorption:	Absorbed slowly over a period from six to 7 months. The longest duration of absorption.



■ Chromic Catgut

Component:	purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) or the submucosal fibrous layer of sheep (ovine) intestines. Chromic catgut is additionally tanned by treatment with trivalent chromium salts
Structure:	Twisted multifilament with a monofilament appearance
Coating Material:	Chromic coating for prolonged absorption time
Color:	Brown
Applications:	Surgical gut suture is indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic procedures, but not for use in cardiovascular and neurological tissues
Absorbable:	Absorbable
Absorption:	Complete mass absorption in approximately 60-90 days



■ Poliglecaprone 25

Component:	Co-polymer of Glycolide & ε-caprolactone.
Structure:	monofilament
Coating Material:	None
Color:	Violet&undyed
Applications:	Poliglecaprone 25 suture for use in general surgery including bowel anastomosis, paediatric surgery, urology, sub cuticular and sub cutaneous tissues closure
Absorbable:	Absorbable also absorbable by hydrolysis
Absorption:	Absorption is complete between 90 and 119 days.



■ Plain Catgut

Component:	purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) or the submucosal fibrous layer of sheep (ovine) intestines
Structure:	Twisted multifilament with a monofilament appearance
Coating Material:	None
Color:	Yellow
Applications:	Surgical gut suture is indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic procedures, but not for use in cardiovascular and neurological tissues
Absorbable:	Absorbable
Absorption:	Complete mass absorption in approximately 60-90 days

■ Polypropylene

Component:	an isotactic crystalline stereoisomer of polypropylene, a polymer of propylene
Structure:	Monofilament
Coating Material:	None
Color:	Blue
Applications:	PROLENE Sutures are indicated for use in general soft tissue approximating and/or ligation, including use in cardiovascular, ophthalmic procedures, and neurological procedures
Absorbable:	Non-Absorbable



■ polyester

Component:	fibers of high molecular weight, long-chain, linear polyesters
Structure:	multifilament
Coating Material:	Wax, silicone
Color:	Green
Applications:	Polyester Suture is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic and neurological procedures
Absorbable:	Non-Absorbable



■ Silk

Component:	Silk Obtained from the cocoon of the Bombyx Mori I silk worm
Structure:	multifilament
Coating Material:	Wax
Color:	Black
Applications:	Black Braided Silk is indicated in General Surgery, Dental Surgery, Plastic Surgery, Ophthalmic Cuticle Closure, Skin Closure, Closure General, Cardiovascular, Gastroenterology, Gastrointestinal, Gynecology / Obstetrics, Episiotomy, Neurosurgery and Bonding.
Absorbable:	Non-Absorbable



SUTURE NEEDLE

Nylon

- Component: long-chain aliphatic polymers Nylon 6 and Nylon 6,6
- Structure: Monofilament
- Coating Material: None
- Color: Black or green
- Applications: Nylon suture is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic, and neurological procedures
- Absorbable: Non-Absorbable



Stainless Steel Suture

- Component: stainless steel
- Structure: Monofilament
- Coating Material: None
- Color:
- Applications: Surgical stainless steel suture is indicated for use in abdominal wound closure, hernia repair, sterna closure and orthopaedic procedures including cerclage and tendon repair
- Absorbable: Non-Absorbable



Suture Cassette

- Product Description:
- 1)Types: catgut, silk, nylon, propylene, polyester,PGA, PDO and so on
 - 2) Sizes: USP 4 - 6/0
 - 3) Length: 30m, 45m, 50m, 60m, 100m, 150m



STERILE SCALPEL WITH PLASTIC HANDLE

Stainless steel surgical knife handle



Stainless steel scalpel is for surgical ,they are internationally designed and super carefully made especially for frequent operation use.Blades are always Changeable in every surgery.

Disposable scalpels

Disposable scalpel supplies many different handles for diffrent operation requirements.Protective tab does a best safty job to operators and welded blades to handle tips assure no change of blades and thus assure use only.Thumb mini-handle can meet special requirements.

SPECIFICATIONS

- | | | |
|-----|-----|-----|
| 10# | 15# | 22# |
| 11# | 18# | 23# |
| 12# | 19# | 24# |
| 13# | 20# | 25# |
| 14# | 21# | 36# |



DISPOSABLE CARBON STEEL SURGICAL BLADES WITH PLASTIC HANDLE



DISPOSABLE STAINLESS STEEL SURGICAL BLADES WITH PLASTIC HANDLE

■ SURGICAL BLADES

● Fitment No.3

Offered in carbon steel as well as stainless steel.



DISPOSABLE STAINLESS
STEEL SURGICAL BLADES

SPECIFICATIONS

10#	15#	22#
11#	18#	23#
12#	19#	24#
13#	20#	25#
14#	21#	36#

● Fitment No.4



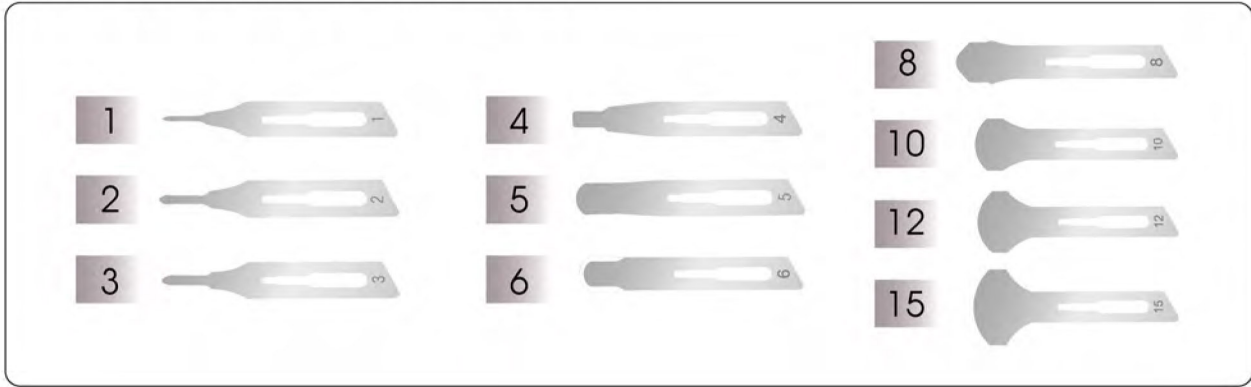
DISPOSABLE CARBON
STEEL SURGICAL BLADES

■ SURGICAL BLADES

● Sterile Disposable Skin Graft Blade



STERILE DISPOSABLE STITCH CUTTER BLADE
STERILE DISPOSABLE SKIN GRAFT BLADE



Special blades include the following size :
Stitch cutter blades 65# and 110#.
Skin graft blades 160#





BLOOD TAKING NEEDLE

Huida-Lancet Single-Use Blood Lancet

HUIDA-LANCETS Are manufactured with the greatest degree of precision to ensure a consistent blood sample for glucose monitoring. Featuring the highest quality needle,a tri-bevel tip dramatically reduces trauma when skin is punctured.These lancets also offer universal style compatible with nearly all lancing devices.The plastic shield ensures sterility until the lancet is used.

HUIDA-LANCETS Are precisely manufactured with a tri-beveled ultra-thin tip for smooth,controlled skin penetration. High quality honed angles add to its superior performance. It takes a powerful microscope to see the precision of our lancets and you will appreciate the advantage with every sample. All HUIDA-LANCETS are designed for more comfort,adequate volume and less callous build-up.



Adjustable Automatic Lancing Device

Huida-Lancing Devices Assit diabetes patients to monitor their glucose levels,easily and safely with an anjustable dial,lancing depth can be set to an appropriate level for the individual.Any standard lancet can be used with the device.



Button Activated Safety Lancets

HUIDA-LANCETS Health workers the world over face accidental needle stickinjury while caring for patients,putting themselves at risk to blood borne illnesses including the AIDS virus and Hepatitis.

USER SAFETY needle is fully shielded before and after use

USER CONVENIENCE,button operated design

PATIENT SAFETY single-use only,sterilized by gamma irradiation,can not be re-used

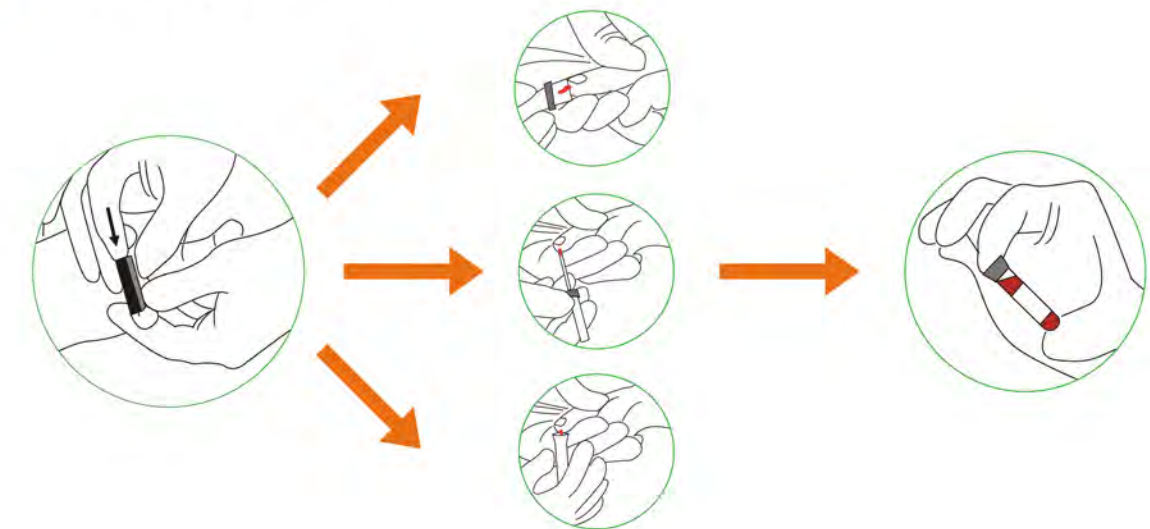
PATIENT COMFORT high quality,ultra sharp tri-bevel needle,high speed penetration

EFFICACY variety of point configurations and penetration depths to suit most capillary blood requirements

- 1.Push the lancet cap into the body of HUIDA until it clicks.
- 2.Carefully twist off the protective cap until it is separated from the device.
- 3.Push the HUIDA firmly onto the chosen site,then press trigger.
- 4.Dispose of the HUIDA in a suitable sharps container.



Instruction For Use



No Additive Tube



No additive tube is used in blood collection and storage for biochemistry, immunology, serology, test of various kinds of virus and microelement in medical inspection.

Material:PET, GLASS **Color:**Red cap **Additive:**No additive

Size	Volume
13X75MM	1ML,2ML,3ML,4ML,5ML
13X100MM	5ML,6ML,7ML
16X100MM	8ML,9ML,10ML

Clot Activator Tube



Clot activator tube is used in the blood collection for biochemistry and immunology in medical inspection. It is suitable for wide range of operating temperature.

Material:PET, GLASS **Color:**Red cap **Additive:**Clot Activator

Size	Volume
13X75MM	1ML,2ML,3ML,4ML,5ML
13X100MM	5ML,6ML,7ML
16X100MM	8ML,9ML,10ML

EDTA Tube



EDTA tube is widely used in clinical haematology, cross matching, blood grouping as well as various kinds of blood cell test instruments.

Material:PET, GLASS **Color:**Lavender cap

Additive	Size	Volume
EDTA K2	13X75MM	1ML,2ML,3ML,4ML,5ML
	13X100MM	5ML,6ML,7ML
	16X100MM	8ML,9ML,10ML
EDTA K3	13X75MM	1ML,2ML,3ML,4ML,5ML
	13X100MM	5ML,6ML,7ML
	16X100MM	8ML,9ML,10ML

Heparin Tube



Heparin tube is used in blood collection for the test of clinical plasma, emergency biochemistry and blood rheology, etc.

Material:PET, GLASS **Color:**Green cap

Additive	Size	Volume
Sodium Heparin	13X75MM	1ML,2ML,3ML,4ML,5ML
	13X100MM	5ML,6ML,7ML
	16X100MM	8ML,9ML,10ML
Lithium Heparin	13X75MM	1ML,2ML,3ML,4ML,5ML
	13X100MM	5ML,6ML,7ML
	16X100MM	8ML,9ML,10ML

Coagulation Tube



Coagulation tube is used for blood coagulation test and applicable to fibrinolytic system(PT, TT, APTT and fibrinogen, etc.).

Material:PET, GLASS **Color:**Blue cap

Additive	Size	Volume
3.2% Sodium Citrate	13X75MM	1.8ML,2.7ML,3.6ML,4.5ML
	13X100MM	4.5ML
3.8% Sodium Citrate	13X75MM	1.8ML,2.7ML,3.6ML,4.5ML
	13X100MM	4.5ML
	10.25X47MM	1.8ML
	10.25X64MM	2.7ML

Glucose Tube



Glucose tube is used in blood collection for the test such as blood sugar, sugar tolerance, erythrocyte electrophoresis, anti-alkali hemoglobin and lactate.

Material:PET, GLASS **Color:**Gray cap

Additive:Sodium fluoride+Sodium Heparin

Size	Volume
13X75MM	1ML,2ML,3ML,4ML,5ML
13X100MM	5ML,6ML,7ML
16X100MM	8ML,9ML,10ML

Gel & Clot Activator Tube



Gel and clot activator tube is used for blood serum biochemistry, immunology and drug testing, etc.

Material: PET, GLASS Color: Yellow cap Additive: Gel & Clot Activator

Size	Volume
13X75MM	1ML, 2ML, 3ML, 4ML
13X100MM	5ML, 6ML
16X100MM	7ML, 8ML, 9ML

Ø9×120mm ESR Tube



Ø9×120mm ESR Tube is applicable to various Automated Erythrocyte Sedimentation Rate Analyzers.

Material: PET, GLASS Color: Black cap Additive: 3.8% Sodium Citrate

Size	Volume
13X75MM	1.6ML, 2.4ML, 3.2ML, 4ML
13X100MM	4ML
8X120MM	1.28ML, 1.6ML

EDTA+GEL Tube



G-plus tube is widely used in collection, transportation and storage of venous blood samples and sample treatment before analysis.

Material: PET, GLASS Color: Lavender cap

Additive: EDTA.K2+Gel separator

Size	Volume
13X75MM	1ML, 2ML, 3ML, 4ML
13X100MM	5ML, 6ML
16X100MM	7ML, 8ML, 9ML

* We also have other special product, including EDTA+GEL Tube, Heparin+Gel Tube, Sodium Citrate+Gel Tube, etc

The non vacuum blood collection tube was made of PS or PP material and owing to the siliconization treatment on the inner surface, the tube is very smooth inside without blood adhesion. High quality gel makes the serum separation complete with no fibrin adhering to the inner surface of the tube.

Inside the tube, there uniformly sprays the quantitative anticoagulant with protection liquid for blood platelets, which effectively prevent the gathering of blood platelets, thus guarantee the accuracy and reliability of the feature of high performance-price ratio

PLAIN TUBE



Color: Red cap Additive: No additive

Size	Volume
13X75MM	1ML, 2ML, 3ML, 4ML, 5ML
13X100MM	5ML, 6ML, 7ML

Clot Activator Tube



Color: Red cap Additive: Clot Activator

Size	Volume
13X75MM	1ML, 2ML, 3ML, 4ML, 5ML
13X100MM	5ML, 6ML, 7ML

EDTA Tube



Color: Lavender cap

Additive	Size	Volume
EDTA K2	13X75MM	1ML, 2ML, 3ML, 4ML, 5ML
	13X100MM	5ML, 6ML, 7ML
EDTA K3	13X75MM	1ML, 2ML, 3ML, 4ML, 5ML
	13X100MM	5ML, 6ML, 7ML

Heparin Tube



Color: Green cap

Additive	Size	Volume
Sodium Heparin	13X75MM	1ML, 2ML, 3ML, 4ML, 5ML
	13X100MM	5ML, 6ML, 7ML
Lithium Heparin	13X75MM	1ML, 2ML, 3ML, 4ML, 5ML
	13X100MM	5ML, 6ML, 7ML

Coagulation Tube



Color:Blue cap

Additive	Size	Volume
3.2% Sodium Citrate	13X75MM	1.8ML,2.7ML,3.6ML,4.5ML
	13X100MM	4.5ML
3.8% Sodium Citrate	13X75MM	1.8ML,2.7ML,3.6ML,4.5ML
	13X100MM	4.5ML

Glucose Tube



Color:Gray cap

Additive:Sodium fluoride+Sodium Heparin

Size	Volume
13X75MM	1ML,2ML,3ML,4ML,5ML
13X100MM	5ML,6ML,7ML

Gel & Clot Activator Tube



Color:Yellow cap

Additive:Gel & Clot Activator

Size	Volume
13X75MM	1ML,2ML,3ML,4ML
13X100MM	5ML,6ML

ESR Tube



Color:Black cap

Additive:3.8% Sodium Citrate

Size	Volume
13X75MM	1.6ML,2.4ML,3.2ML,4ML
13X100MM	4ML

We have special cross rubber stopper for this tube and have simple packing and both can be with/without a capillary and/or a funnel

Plain Tube



Color:Red cap

Additive:No additive

Volume	200ul/0.2ml	250ul/0.25ml
	500ul/0.5ml	1000ul/1ml

Clot Activator Tube



Color:Red cap

Additive:Clot Activator

Volume	200ul/0.2ml	250ul/0.25ml
	500ul/0.5ml	1000ul/1ml

EDTA Tube

Color:Lavender cap

Additive	Volume
EDTA K2	200ul/0.2ml
	250ul/0.25ml
	500ul/0.5ml
	1000ul/1ml
EDTA K3	200ul/0.2ml
	250ul/0.25ml
	500ul/0.5ml
	1000ul/1ml



Heparin Tube

Color:Green cap

Additive	Volume
Sodium Heparin	200ul/0.2ml
	250ul/0.25ml
	500ul/0.5ml
	1000ul/1ml
Lithium Heparin	200ul/0.2ml
	250ul/0.25ml
	500ul/0.5ml
	1000ul/1ml



Coagulation Tube



Color:Blue cap		
Additive		
3.2% Sodium Citrate	500ul/0.5ml	1000ul/1ml
3.8% Sodium Citrate	500ul/0.5ml	1000ul/1ml

Glucose Tube



Color:Gray cap		
Additive: Sodium fluoride+Sodium Heparin		
Volume		
200ul/0.2ml	250ul/0.25ml	
500ul/0.5ml	1000ul/1ml	

Gel & Clot Activator Tube



Color:Yellow cap		
Additive: Gel & Clot Activator		
Volume		
200ul/0.2ml	250ul/0.25ml	
500ul/0.5ml	1000ul/1ml	

ESR Tube



Color:Black cap		
Additive: 3.8% Sodium Citrate		
Volume		
500ul/0.5ml	1000ul/1ml	

Multi-Samples Needle

Size:	18GX1"	18GX1 1/4"	18GX1 1/2"	Pink
	20GX1"	20GX1 1/4"	20GX1 1/2"	Yellow
	21GX1"	21GX1 1/4"	21GX1 1/2"	Green
	22GX1"	22GX1 1/4"	22GX1 1/2"	Black
	23GX1"	23GX1 1/4"	23GX1 1/2"	Blue



Safety Muti-Sample Needle

Size:	18GX1"	18GX1 1/4"	18GX1 1/2"	Pink
	20GX1"	20GX1 1/4"	20GX1 1/2"	Yellow
	21GX1"	21GX1 1/4"	21GX1 1/2"	Green
	22GX1"	22GX1 1/4"	22GX1 1/2"	Black
	23GX1"	23GX1 1/4"	23GX1 1/2"	Blue



Tansper Needle

21G Green 22G Black



Butterfly Needle

21GX3/4" Green



Holder

Universal type
Auto-holder



Luer Adapter

21G Light green 21G Green



Tourniquet

Adult Child

