



TYA101 &amp; TYA101-S



TYA102 &amp; TYA102-S



TYA102-2



TYA103



TYA104



TYA105 &amp; TYA105-S



TYA105-2



TYA106



TYA107



TYA108 &amp; TYA108-S



TYA109

## Product Usage

Centrifuge tubes are used to contain liquids during centrifugation, which separates the sample into its components by rapidly rotating it around a fixed axis.

## Features

- Full range volumes from 0.1ml to 50ml, apply to different solutions;
- Different bottom shapes and cap types for various testing purpose;
- Made of high quality polypropylene raw material, enables excellent view of tube contents;
- Clear printing graduation or mold graduation and big writing area makes easy reading and recording;
- Brown tubes are available;
- Leak proof, withstand high centrifugal forces;
- Non Sterile, RNase DNase DNA Free, EO sterilization are optional;
- Available with different packing types according to requirements.

Model No.	Description	Cap Type	Material	Packing
TYA101	Centrifuge Tube 50ml, free standing bottom, Printing graduation	Screw Cap	PP	50pcs/bag, 500pcs/ctn
TYA101-S	Centrifuge Tube 50ml, Free Standing, Individual Packing, E.O. Sterile, Printing graduation	Screw Cap	PP	1pc/bag, 50pcs/bag, 500pcs/ctn
TYA102	Centrifuge Tube 50ml, Conical Bottom, Printing graduation	Screw Cap	PP	50pcs/bag, 500pcs/ctn
TYA102-S	Centrifuge Tube 50ml, Conical Bottom, Individual packing, E.O. Sterile, Printing graduation	Screw Cap	PP	1pc/bag, 50pcs/bag, 500pcs/ctn
TYA102-2	Centrifuge Tube 50ml, Conical Bottom, Foam Rack, Printing graduation	Screw Cap	PP	25pcs/rack, 500pcs/ctn
TYA103	Centrifuge Tube 50ml, Round Bottom, Printing graduation	Screw Cap	PP	50pcs/bag, 500pcs/ctn
TYA104	Centrifuge Tube 25ml, Round Bottom, Printing graduation	Screw Cap	PP	100pcs/bag, 1000pcs/ctn
TYA105	Centrifuge Tube 15ml, Conical Bottom, Printing graduation	Screw Cap	PP	100pcs/bag, 2000pcs/ctn
TYA105-S	Centrifuge Tube 15ml, Conical Bottom, Individual packing, E.O. Sterile, Printing graduation	Screw Cap	PP	1pc/bag, 100pcs/bag, 500pcs/ctn
TYA105-2	Centrifuge Tube 15ml, Conical Bottom, Foam Rack, Printing graduation	Screw Cap	PP	25pcs/rack, 500pcs/ctn
TYA106	Centrifuge Tube 15ml, Round Bottom, Printing graduation	Screw Cap	PP	100pcs/bag, 2000pcs/ctn
TYA107	Centrifuge Tube 15ml, Flat Bottom, Printing graduation	Screw Cap	PP	100pcs/bag, 2000pcs/ctn
TYA108	Centrifuge Tube 10ml, Conical Bottom, Printing graduation	Screw Cap	PP	100pcs/bag, 1000pcs/ctn
TYA108-S	Centrifuge Tube 10ml, Conical Bottom, Individual packing, E.O. Sterile, Printing graduation	Screw Cap	PP	1pc/bag, 100pcs/bag, 1000pcs/ctn
TYA109	Centrifuge Tube 10ml, Round Bottom, Printing graduation	Screw Cap	PP	100pcs/bag, 1000pcs/ctn



### Introduction

Blood collection tubes are used for collection and packaging of blood samples for biochemical and immunological examinations in medical tests, and are used in clinical medical experiments using human venous blood as samples. According to the different objects of blood samples, blood collection tubes are divided into serum blood collection tubes, plasma blood collection tubes and whole blood collection tubes.

### Features

- The tube body is made of PET material or glass material, with stable properties;
- The head cap is safe, with good air tightness, small puncture force, and convenient opening and capping;
- The inner wall is extremely smooth and be evenly coated by additive, to ensure the blood samples fully contact after entering the tube;
- Good compatibility, can match the transmission device of various biochemical, immune, blood and other analyzers;
- Labels can be customized according to customer needs.

Category	Test Item	Additive	Item	Cap Color	Specification
Serum blood collection tube	Clinical Biochemistry, Immunology and Serology Test	No additive	Plain Tube	Red	13x75mm: 2ml, 3ml, 4ml, 5ml 13x100mm: 5ml, 6ml, 7ml
		Clot Activator	Clot Activator Tube	Red Orange	16x100mm: 7ml, 8ml, 9ml, 10ml
		Gel&Clot Activator	Gel&Clot Activator Tube	Yellow	13x75mm: 2ml, 3ml, 3.5ml, 4ml 13x100mm: 5ml, 6ml 16x100mm: 7ml, 8ml, 8.5ml
Whole blood collection tube	Haematology Test (Blood Routine Examination)	K2EDTA/ K3EDTA	EDTA Tube	Purple	13x75mm: 2ml, 3ml, 4ml, 5ml 13x100mm: 5ml, 6ml, 7ml 16x100mm: 7ml, 8ml, 9ml, 10ml
	Erythrocyte Sedimentation Rate Test	3.8% Sodium Citrate Buffer (0.129mol/L)	ESR Tube	Black	13x75mm: 1.6ml, 2.4ml, 3.2ml 8x120mm: 1.26ml, 1.6ml, 2.0ml 9x120mm: 1.6ml
Plasma Blood Collection Tube	Coagulation Function Test	3.2% Sodium Citrate Buffer (0.109mol/L)	PT Tube	Blue	13x75mm: 1.8ml, 2.0ml, 2.4ml, 2.7ml, 3ml, 3.6ml, 4ml, 4.5ml 13x100mm: 5ml, 6ml, 7ml 16x100mm: 8ml, 9ml, 10ml Double Wall type: 13x75mm: 1.8ml, 2.7ml
	Clinical Chemistry for Emergency Treatment, Blood Rheology Test	Sodium Heparin/ Lithium Heparin	Heparin Tube	Green	13x75mm: 2ml, 3ml, 4ml, 5ml 13x100mm: 5ml, 6ml, 7ml 16x100mm: 7ml, 8ml, 9ml, 10ml
		Gel&Sodium Heparin/ Gel& Lithium Heparin	Gel&Heparin Tube		13x75mm: 2ml, 3ml, 3.5ml, 4ml 13x100mm: 5ml, 6ml 16x100mm: 7ml, 8ml, 8.5ml
	Glucose and Lactate Test	Sodium Fluoride& Sodium Heparin/ Sodium Fluoride& EDTA/ Sodium Fluoride& Potassium Oxalate	Glucose Tube	Grey	13x75mm: 2ml, 3ml, 4ml, 5ml

### Serum Blood Collection Tube

Serum blood collection tubes are designed to provide uncontaminated, undifferentiated raw blood samples for medical testing. After centrifugation, serum can be effectively separated from blood cells and fibrin. Serum tube includes 3 tubes: Plain tube with red cap, Clot Activator tube with red/orange cap, and Gel & Clot Activator tube with yellow cap.

#### Plain Tube, Red Cap

Plain tubes also called No Additive tube, which is used for collection and packaging of blood samples such as medical testing, biochemistry, immunology, serology, various virus detection, blood bank inspection, etc. Plain tube can maintain the normal composition of serum for a long time and facilitate the re-examination of serum with good repeatability.



TYK101-203

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK101	PET	No additive	13x75	2ml, 3ml,4ml, 5ml	100pcs/rack, 1800pcs/ctn
TYK201	Glass				
TYK102	PET		13x100	5ml, 6ml,7ml	100pcs/rack, 1800pcs/ctn
TYK202	Glass				
TYK103	PET				
TYK203	Glass		16x100	7ml, 8ml,9ml, 10ml	100pcs/rack, 1200pcs/ctn

#### Clot Activator Tube, Red/Orange Cap

Clot Activator tube, also known as pro-coagulant tube, is used to collect serum samples for biochemical and immunological testing, and can be used for rapid outpatient, emergency serum biochemical tests. The inner wall is extremely smooth and be evenly coated by coagulant. It has a wide operating temperature range. Blood clots completely within minutes, and centrifugation yields high quality serum.



TYK104-206

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK104	PET	Clot Activator	13x75	2ml, 3ml,4ml, 5ml	100pcs/rack, 1800pcs/ctn
TYK204	Glass				
TYK105	PET		13x100	5ml, 6ml,7ml	100pcs/rack, 1800pcs/ctn
TYK205	Glass				
TYK106	PET				
TYK206	Glass		16x100	7ml, 8ml,9ml, 10ml	100pcs/rack, 1200pcs/ctn

#### Gel and Clot Activator Tube, Yellow Cap

Gel & Clot Activator tubes are used for serum biochemistry, drug detection and immunology etc. Coagulant is finely coated on the inner wall of which can shorten the blood coagulation time. After centrifugation, the serum and blood cells are completely separated to obtain high quality serum.



TYK107-209

Model No.	Material	Additive	Size(mm)	Vol	Packing
TYK107	PET	Gel & Clot Activator	13x75	2ml, 3ml,3.5ml, 4ml	100pcs/rack, 1800pcs/ctn
TYK207	Glass				
TYK108	PET		13x100	5ml, 6ml	100pcs/rack, 1800pcs/ctn
TYK208	Glass				
TYK109	PET				
TYK209	Glass		16x100	7ml, 8ml,8.5ml	100pcs/rack, 1200pcs/ctn

## Product Usage

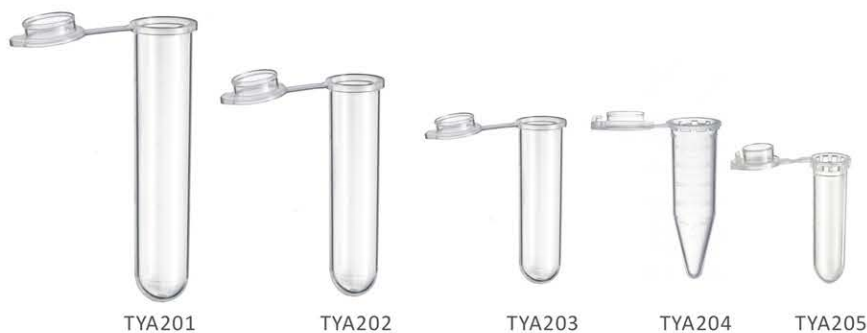
Microcentrifuge tube is a small centrifuge tube, which is used in conjunction with a micro centrifuge for the separation and centrifugation of trace reagents, and is widely used in the field of life sciences and clinical trials.

## Features

- Full range volumes from 0.1ml to 10ml, apply to different solutions;
- Different bottom shapes and cap types for various testing purpose;
- Various Colors can be customized for distinguishing different samples;
- Made of high quality polypropylene raw material, enables excellent view of tube contents;
- Clear mold graduation and big writing area makes easy reading and recording (for 0.5ml-10ml);
- Tight and leak-free seal can open easily, even with gloves;
- Withstand high centrifugal forces;
- Bulk pack, RNase DNase DNA Free, EO sterilization are optional.



Various Colors



TYA201

TYA202

TYA203

TYA204

TYA205



TYA206

TYA207

TYA208

TYA209



TYA210

TYA211

TYA212

TYA213

Model No.	Description	Cap Type	Material	Packing
TYA201	Centrifuge Tube 10ml, Round bottom, mold graduation	Snap Cap	PP	200pcs/bag, 3000pcs/ctn
TYA202	Centrifuge Tube 7ml, Round bottom, mold graduation	Snap Cap	PP	200pcs/bag, 4000pcs/ctn
TYA203	Centrifuge Tube 5ml, Round bottom, mold graduation	Snap Cap	PP	200pcs/bag, 6000pcs/ctn
TYA204	Centrifuge Tube 5ml, Conical bottom, mold graduation	Snap Cap	PP	100pcs/bag, 2000pcs/ctn
TYA205	Centrifuge Tube 2ml, Round bottom, mold graduation	Snap Cap	PP	500pcs/bag, 10000pcs/ctn
TYA206	Centrifuge Tube 2ml, conical bottom mold graduation	Snap Cap	PP	500pcs/bag, 10000pcs/ctn
TYA207	Centrifuge Tube 1.5ml, conical bottom, mold graduation	Snap Cap	PP	500pcs/bag, 10000pcs/ctn
TYA208	Centrifuge Tube 1.5ml, conical bottom, Shield Lid, mold graduation	Snap Cap	PP	500pcs/bag, 10000pcs/ctn
TYA209	Centrifuge Tube 0.5ml, conical bottom, Shield Lid, mold graduation	Snap Cap	PP	1000pcs/bag, 25000pcs/ctn
TYA210	centrifuge tube 0.5ml, conical bottom, mold graduation	Snap Cap	PP	500pcs/bag, 10000pcs/ctn
TYA211	Centrifuge Tube 0.2ml, conical bottom, no Graduation, Flat Lid	Snap Cap	PP	1000pcs/bag, 50000pcs/ctn
TYA212	Centrifuge Tube 0.2ml, conical bottom, no Graduation, convex Lid	Snap Cap	PP	1000pcs/bag, 50000pcs/ctn
TYA213	Centrifuge Tube 0.1ml, conical bottom, no Graduation, Flat Lid	Snap Cap	PP	1000pcs/bag, 50000pcs/ctn



TYO301



TYO302



TYO303



TYO304



TYO305



TYO306

## Product Usage

Sampling swabs are used to store microbiological samples and transport them to clinical laboratories.

## Features

- Composed by stick, tip and sealing tube;
- The stick material is available in stainless steel, wood, PP, PS or ABS;
- The swab tip material is available in superior absorbent cotton, artificial cotton, polyester fiber;
- The sealing tube material is available in virgin PP/PS;
- Special treatment on the stick makes the tip wrapped on the stick tightly;
- Complete sampling kits for the safe collection, transport and preservation;
- Adapted to sampling from the parts of urethra and so on;
- Used for sampling from the parts of vagina, urogenital canal, etc.

Model No.	Description	Size(mm)	Stick Material	Tip Material	Sterilization	Packing
TYO301	Cotton swab	150	Bamboo/ Wooden/ Plastic	Cotton	Non-sterile	100pcs/bag,20000pcs/ctn
TYO302	Cotton swab	150	Bamboo/ Wooden/ Plastic	Cotton	EO sterile	Individual, 1pcs/bag,10000pcs/ctn
TYO303	Female Swab	12X175	Wooden/Plastic	Cotton	EO sterile	100pcs/bag,2000pcs/ctn
TYO304	Viscose Swab	12x175	PP/PS	Viscose	EO sterile	200pcs/bag,2000pcs/ctn
TYO305	Sponge Swab	125	PP	Sponge	EO sterile	100pcs/bag,10000pcs/ctn
TYO306	Male Swab	12x86	Stainless	Cotton/ Viscose	EO sterile	200pcs/bag, 3000pcs/ctn

## Fully-Autoclavable



TYC1001-TYC1111

## Features

- The wide range of Volume: 0.1ul to 10 ml;
- Tip ejector: perfectly designed for narrow tubes;
- Precise setting: volume can be perfectly identified due to digital display;
- High comfort: the low force required when comparing the same range of pipettes to complete the draining force (must press the bottom), The less force means the lower the risk of finger damage caused by long-term use;
- Easy and quick calibration and repair: with accessory tools;
- Packing: 1pc/box, 50pcs/carton;
- The pipette is fully autoclavable.

Model No.	Volume	Model No.	Volume
TYC1001	Fixed Volume 0.1ul	TYC1020	Fixed Volume 200ul
TYC1002	Fixed Volume 0.2ul	TYC1021	Fixed Volume 250ul
TYC1003	Fixed Volume 0.25ul	TYC1022	Fixed Volume 500ul
TYC1004	Fixed Volume 0.5ul	TYC1023	Fixed Volume 1000ul
TYC1005	Fixed Volume 1ul	TYC1024	Fixed Volume 2000ul
TYC1006	Fixed Volume 2ul	TYC1025	Fixed Volume 2500ul
TYC1007	Fixed Volume 2.5ul	TYC1026	Fixed Volume 5000ul
TYC1008	Fixed Volume 5ul	TYC1027	Fixed Volume 10000ul
TYC1009	Fixed Volume 7ul	TYC1101	Adjustable Volume 0.1-2.5ul
TYC1010	Fixed Volume 10ul	TYC1102	Adjustable Volume 0.5-10ul
TYC1011	Fixed Volume 15ul	TYC1103	Adjustable Volume 2-20ul
TYC1012	Fixed Volume 20ul	TYC1104	Adjustable Volume 5-50ul
TYC1013	Fixed Volume 25ul	TYC1105	Adjustable Volume 10-100ul
TYC1014	Fixed Volume 30ul	TYC1106	Adjustable Volume 20-200ul
TYC1015	Fixed Volume 40ul	TYC1107	Adjustable Volume 50-200ul
TYC1016	Fixed Volume 50ul	TYC1108	Adjustable Volume 100-1000ul
TYC1017	Fixed Volume 75ul	TYC1109	Adjustable Volume 200-1000ul
TYC1018	Fixed Volume 80ul	TYC1110	Adjustable Volume 1000-5000ul
TYC1019	Fixed Volume 100ul	TYC1111	Adjustable Volume 2-10ml

## Multichannel pipette



TYC1201-TYC1303



TYC1401-TYC1503

## Product Usage

Our 8/12 Channels Adjustable pipettes are available in a range of models to meet the operational needs of common laboratory tasks. The pipettes are highly accurate and efficient. The lightweight handle and 360° rotating manifold are designed to prevent muscle strain, helping the operator to work longer without fatigue. The tips ejector can simultaneously push multiple tips, which is highly efficient and labor-saving. Each channel is individually calibrated to ensure accuracy. The whole design of our pipettes helps to achieve stable, accurate sampling, which is important for handling valuable sample fluids and reagents.

## Features

- Two options: 8-channel /12-channel;
- The wide range of Volume: The volume of the pipette is from 0.5 ul to 300 ul, the increment is 0.5;
- High-tech material: durable, high temperature resistant and corrosion resistant;
- Telescopic elastic tip design: help prevent the tip from being installed high and low, ensuring pipetting tightness and uniformity;
- Strict calibration: Each pipette is tested and calibrated before leaving the factory;
- Channel digital identification: ensure pipetting in the same direction;
- Semi autoclavable: 121°C (Tip Cone).

8-Channel		12-Channel	
Model No.	Volume	Model No.	Volume
TYC1201	0.5ul (Fixed)	TYC1401	0.5ul (Fixed)
TYC1202	1ul (Fixed)	TYC1402	1ul (Fixed)
TYC1203	2ul (Fixed)	TYC1403	2ul (Fixed)
TYC1204	2.5ul (Fixed)	TYC1404	2.5ul (Fixed)
TYC1205	5ul (Fixed)	TYC1405	5ul (Fixed)
TYC1206	10ul (Fixed)	TYC1406	10ul (Fixed)
TYC1207	20ul (Fixed)	TYC1407	20ul (Fixed)
TYC1208	25ul (Fixed)	TYC1408	25ul (Fixed)
TYC1209	50ul (Fixed)	TYC1409	50ul (Fixed)
TYC1210	100ul (Fixed)	TYC1410	100ul (Fixed)
TYC1211	200ul (Fixed)	TYC1411	200ul (Fixed)
TYC1212	250ul (Fixed)	TYC1412	250ul (Fixed)
TYC1213	300ul (Fixed)	TYC1413	300ul (Fixed)
TYC1301	0.5-10ul (adjustable)	TYC1501	0.5-10ul (adjustable)
TYC1302	5-50ul (adjustable)	TYC1502	5-50ul (adjustable)
TYC1303	50-300ul (adjustable)	TYC1503	50-300ul (adjustable)

## Features

- The bottle body can be made of high-quality PET/ PETG material, and the bottle cap is made of HDPE material;
- The capacity scale is clear to ensure accuracy and the surface is smooth and easy to clean;
- The chamfer design of the bottle mouth and cap has been strictly tested to ensure no leakage; the design of the body is easy to hold, easy to store and transport;
- PET operating temperature: -70°C-120°C; PETG operating temperature: -60°C-75°C;
- Compared with PET, the transparency of PETG is higher and the light transmittance is up to 90%;
- PETG is better than PET in terms of chemical resistance, oil resistance, weather resistance (yellowing) properties, mechanical strength, and barrier properties to oxygen and water vapor;
- DNase/RNase free, no pyrogen, no endotoxin. Irradiation sterilization.

Model No.	Description	Material	Packing
TYE501	Square Media Bottle 30ml	PET/PETG	40pcs/bag,200pcs/ctn
TYE502	Square Media Bottle 60ml	PET/PETG	40pcs/bag,200pcs/ctn
TYE503	Square Media Bottle 125ml	PET/PETG	24pcs/bag,96pcs/ctn
TYE504	Square Media Bottle 250ml	PET/PETG	30pcs/bag,60pcs/ctn
TYE505	Square Media Bottle 500ml	PET/PETG	20pcs/bag,40pcs/ctn
TYE506	Square Media Bottle 1000ml	PET/PETG	12pcs/bag,24pcs/ctn

## Inoculation Loop



TYE601/TYE602/TYE607



TYE603-TYE606/TYE608/TYE609

## Product Usage

Inoculation loops are widely used in microbiology and biotechnology to transfer and inoculate small amounts of microorganisms, such as bacteria or yeasts, from one substrate to another.

## Features

- Made of high quality PP,ABS material;
- A variety of colors are used to distinguish different specifications;
- No flash, no burrs, will not puncture the agar surface;
- Easy to tear paper-plastic individual or bulk packaging.

Model No.	Description	Material	Sterilization	Packing
TYE601	Inoculation Loop 1ul,Bulk Pack	PP/ABS	Non-Sterile	1000pcs/bag,10000pcs/ctn
TYE602	Inoculation Loop 10ul,Bulk Pack	PP/ABS	Non-Sterile	1000pcs/bag,10000pcs/ctn
TYE603	Inoculation Loop 1ul	PP/ABS	Eo-Sterile	(10pcs/bag),20pcs/bag,10000pcs/ctn
TYE604	Inoculation Loop 10ul	PP/ABS	Eo-Sterile	(10pcs/bag),20pcs/bag,10000pcs/ctn
TYE605	Inoculation Loop 1ul,Individual	PP/ABS	Eo-Sterile	1pcs/ single bag, 1000pcs/bag,10000pcs/ctn
TYE606	Inoculation Loop 10ul,Individual	PP/ABS	Eo-Sterile	1pcs/ single bag, 1000pcs/bag,10000pcs/ctn
TYE607	Inoculation Loop 10ul&1ul ,Bulk Pack	ABS	Non-Sterile	1000pcs/bag,10000pcs/ctn
TYE608	Inoculation Loop 10ul&1ul	ABS	Eo-Sterile	20pcs/bag,1000pcs/bag,10000pcs/ctn
TYE609	Inoculation Loop 10ul&1ul ,Individual	ABS	Eo-Sterile	1pcs/ single bag,1000pcs/bag,10000pcs/ctn



## L-shape cell spreader

## Product Usage

It is mainly used in the flat coating of microbial culture medium, which can make cells or bacteria evenly distribute and grow on the surface of culture dishes and culture plates.



TYE701-TYE706

## Features

- The surface is smooth, and the tail is designed upward to reduce damage to the agar surface;
- L-shaped design for easy use;
- Cell spreader is made of high quality PS or PP material;
- No flash, no burrs, will not puncture the agar surface;
- EO sterile or DNase/RNase free, no pyrogen, no endotoxin;

Model No.	Description	Material	Sterilization	Packing
TYE701	L-Shape Cell Spreader,1pcs/bag,Orange/Blue/white Color	PP/PS	Non-Sterile	2000pcs/ctn
TYE702	L-Shape Cell Spreader,1pcs/bag,Orange/Blue/white Color	PP/PS	Eo-Sterile	2000pcs/ctn
TYE703	L-Shape Cell Spreader,5pcs/bag,Orange/Blue/white Color	PP/PS	Non-Sterile	2000pcs/ctn
TYE704	L-Shape Cell Spreader,5pcs/bag,Orange/Blue/white Color	PP/PS	Eo-Sterile	2000pcs/ctn
TYE705	L-Shape Cell Spreader,10pcs/bag,Orange/Blue/white Color	PP/PS	Non-Sterile	2000pcs/ctn
TYE706	L-Shape Cell Spreader,10pcs/bag,Orange/Blue/white Color	PP/PS	Eo-Sterile	2000pcs/ctn