

ml OPENCOL™



**Non vacuum
tubes and
accessories for
blood collection
and tests**

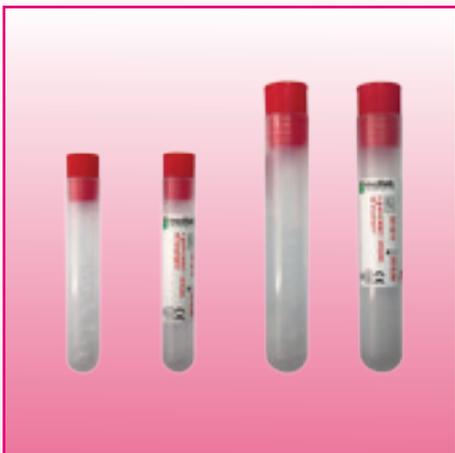


Tubes for blood serum obtaining - red stopper

The tubes contain granules as a serum separator and clotting activator. Clotting activator allows to clot sample of blood in max 20-30 minutes (average 15 min). The granules guarantee obtaining large amounts of blood serum free of cellular elements, and protect serum against hemolysis and soil by blood cells.



Reference number	Product description	Packing unit
Collecting tubes for rapid blood clotting and serum separation containing polystyrene separating granules and clotting activator, test tube made of MEDOPLAST™ optically transparent plastic, with stopper, packed in a foil bag		
32-0403-11E	4 ml volume collection tubes (Ø12x75 mm), w/o label	500 pcs.
32-0403-11N	4 ml volume collection tubes (Ø12x75 mm), with label	500 pcs.
32-1103-11E	11 ml volume collection tubes (Ø16x100 mm), w/o label	200 pcs.
32-1103-11N	11 ml volume collection tubes (Ø16x100 mm), with label	200 pcs.



Collecting tubes for rapid blood clotting and serum separation containing polystyrene separating granules and clotting activator, test tube made of highly transparent polypropylene, with stopper, packed in a foil bag

32-0400-11E-P	4 ml volume collection tubes (Ø12x75 mm), w/o label	500 pcs.
32-0400-11N-P	4 ml volume collection tubes (Ø12x75 mm), with label	500 pcs.
32-1100-11E-P	11 ml volume collection tubes (Ø16x100 mm), w/o label	200 pcs.
32-1100-11N-P	11 ml volume collection tubes (Ø16x100 mm), with label	200 pcs.

Tubes for blood plasma obtaining - green stopper

The tubes contain sodium or lithium heparin in proportions 18 I. U./ml of blood. Anticlotting action of heparin results from thrombin suppression in different processes of hemostasis. After centrifugation of whole blood and separation of cells elements, obtained plasma is used e.g. for: biochemical, hormonal and tumor markers tests.



Reference number	Product description	Packing unit
Collecting tubes for blood plasma obtaining containing sodium heparin, with stopper and label, packed in a cardboard box		
32-0402-6N	Tubes for 2,5 ml of blood (Ø12x75 mm), with label	500 pcs.
32-1105-6N	Tubes for 5,0 ml of blood (Ø16x100 mm), with label	200 pcs.
Collecting tubes for blood plasma obtaining containing lithium heparin, with stopper and label, packed in a cardboard box		
32-0402-7N	Tubes for 2,5 ml of blood (Ø12x75 mm), with label	500 pcs.
32-1105-7N	Tubes for 5,0 ml of blood (Ø16x100 mm), with label	200 pcs.

Tubes for hematology tests - lavender stopper

The tubes contain K2EDTA or K3EDTA as an anticoagulant, which protects blood against clotting and developing micro-clots which can clog the measuring system of analyzer. Spraying of 34% K2EDTA or K3EDTA solution on the internal surface of tube walls guarantees fast and fully mixing of anticoagulant with blood. This assures that osmolality remains constant and the cells are not damaged.

The tubes are available with common stoppers for manual use or pierceable stoppers for use with hematology analyzer, equipped with an automatic blood draw in device.



Reference number	Product description	Packing unit
Collecting tubes for hematology containing sprayed solution of K2EDTA, with common or pierceable stoppers and labels, packed in a foil bag		
32-0301-2N	Tubes for 1 ml of blood (Ø12x55 mm), with common stopper	500 pcs.
32-0301-2GN	Tubes for 1 ml of blood (Ø12x55 mm), with pierceable stopper	500 pcs.
32-0401-2GN	Tubes for 1 ml of blood (Ø12x75 mm), with pierceable stopper	500 pcs.
32-0402-2N	Tubes for 2 ml of blood (Ø12x75 mm), with common stopper	500 pcs.
32-0402-2GN	Tubes for 2 ml of blood (Ø12x75 mm), with pierceable stopper	500 pcs.



Collecting tubes for hematology containing sprayed solution of K3EDTA, with standard or pierceable stoppers and labels, packed in a foil bag		
32-0301-23N	Tubes for 1 ml of blood (Ø12x55 mm), with common stopper	500 pcs.
32-0301-23GN	Tubes for 1 ml of blood (Ø12x55 mm), with pierceable stopper	500 pcs.
32-0402-23N	Tubes for 2 ml of blood (Ø12x75 mm), with common stopper	500 pcs.
32-0402-23GN	Tubes for 2 ml of blood (Ø12x75 mm), with pierceable stopper	500 pcs.

Tubes for blood grouping and serology - blue stopper

The tubes contain sprayed K2EDTA as an anticoagulant in the same form and concentration as tubes for hematology. They differ from those tubes in size and amount of blood collected, due to test requirements. These tubes have a light blue stopper in order to distinguish them from hematology test tubes.



Reference number	Product description	Packing unit
Collecting tubes for blood grouping and serology with sprayed solution K2EDTA, with stopper and label, packed in a foil bag		
32-0705-2N	Tubes for 5 ml of blood (Ø12x92 mm)	500 pcs.

Tubes and accessories for ESR determination tests – black stopper

The tubes for ESR determination contain 3,8% solution of sodium citrate as an anticoagulant. The test is performed by filling the tube with blood to the level of volume mark, and then gently mixing it with anticoagulant. After removing of the stopper from the test tube, the ESR pipette should be inserted smoothly in to the collecting tube with blood until it reaches the bottom. Then the set is ready for test and should be placed in vertical position to the stand for 60 min.

Measuring pipettes for ESR determination are offered separately or as a set with tubes for blood collection. They are made of highly transparent plastic. The filter caps on the top of the pipettes protects the personnel against blood flow out and provide self-adjustment of blood level at "0" point. The special rubber seal allows fixing the pipette into the collecting tube in vertical position and enables self-filling of the pipette by pressure, thus eliminating necessity of using the piston.

For performing ESR tests we recommend stands with clips, which allow placing ESR set in a vertical position, or holders made of transparent plastic, which could be used as a stand for tubes with blood.

Reference number	Product description	Packing unit
------------------	---------------------	--------------

Collecting tubes for ESR determination containing 3,8% solution of sodium citrate in proportion 1 part of sodium citrate per 4 parts of blood, with stopper and label, packed in a foil bag

32-0401-3N	Tubes for 1,0 ml of blood (Ø12x75 mm)	500 pcs.
32-0402-3N	Tubes for 1,6 ml of blood (Ø12x75 mm)	500 pcs.



Reference number	Product description	Packing unit
------------------	---------------------	--------------

ESR pipettes and sets for ESR determination

32-OB00-0	ESR pipettes with 0-180 mm scale and rubber seal which allows filling the pipette by pressure and fixing it in blood collection tube with ext. dia. 12-13 mm, 2x100 pcs. in cardboard racks packed in cardboard box, for use with tubes: 32-0401-3N; 32-0402-3N	200 pcs.
32-OB01-3N	ESR sets for 1 ml of blood - including tube 32-0401-3N and ESR pipette 32-OB00-0, in cardboard box	200 sets
32-OB02-3N	ESR sets for 1,6 ml of blood - including tube 32-0402-3N and ESR pipette 32-OB00-0, in cardboard box	200 sets



Reference number	Product description	Packing unit
------------------	---------------------	--------------

Stands and holders for ESR determination

32-OB10-1	10 place holder for tubes with ext. dia. 12 or 13 mm, with fixed ESR pipettes	4 pcs.
32-OB10-2	10 place stand w/o scale, with clips for ESR pipette fixing	1 pc.



Non vacuum tubes and accessories for blood collection and tests

Tubes for coagulation tests – light blue stopper

The tubes contain 3,2% solution of sodium citrate as a reagent, which prevents blood clotting. Accurate tube filling up to the level of capacity guarantee blood citrate in a ratio 1 part citrate per 9 parts blood.

Reference number	Product description	Packing unit
Collecting tubes for coagulation tests, containing 3,2% solution of sodium citrate, with stopper and label, packed in a foil bag		
32-0402-4N	Tubes for 1,8 ml of blood (Ø12x75 mm)	500 pcs.
32-0403-4N	Tubes for 2,7 ml of blood (Ø12x75 mm)	500 pcs.
32-0704-4N	Tubes for 3,6 ml of blood (Ø12x92 mm)	250 pcs.



Tubes for glucose level determination – grey stopper

The tubes contain 2,95% solution of sodium fluoride, which prevents process of glycolysis and keeps a stable level of glucose in blood for 4 hours from the moment of its collection. As an anticoagulant, water solution of 1,5% K2EDTA is used.

Reference number	Product description	Packing unit
Collecting tubes for glucose level determination, containing solution of sodium fluoride and K2EDTA, with stopper and label packed in a foil bag		
32-0301-5N	Tubes for 1,0 ml of blood (Ø12x55 mm)	500 pcs.
32-0402-5N	Tubes for 1,8 ml of blood (Ø12x75 mm)	500 pcs.



Reticulocyte staining kits – mauve stopper

The kits for reticulocyte staining contains 100µl of stable, buffered 1% solution of brilliant cresil blue stain which allows the determination of the erythrocyte count. Few drops (about 120 µl) of blood should be added directly to the tube with stain and incubated for 10 minutes at room temperature. The stain reacts with RNA of erythrocytes and erythrocytes become a pale blue color making them easy to identify.

Reference number	Product description	Packing unit
32-0120-8	Reticulocyte staining kit include 100 µl stable blue stain, in PP test tubes (Ø12x55 mm) with PE stopper	50 pcs.





HEAD OFFICE:

MEDLAB-PRODUCTS LTD.

**Galczyńskiego 8
05-090 Raszyn, Poland**

phone: +48 22 846 19 40

fax: +48 22 846 29 26

email: export@medlab-products.com.pl

website: www.medlab-products.com.pl

CE All products in this folder, except for holder for ESR tubes (32-OB10-1), are medical devices specified for in vitro diagnostics (IVD), fulfilling requirements of IVD 98/79/EC directive and therefore are labeled by CE mark.