



ADONIS PHARMA

**VACUUM BLOOD
COLLECTION SYSTEM**

VACUUM BLOOD COLLECTION SYSTEM

Vacuum blood collection systems are designed to efficiently and safely draw blood samples for diagnostic and medical testing.



Utilize a vacuum-sealed system to minimize contamination and ensure accurate results.



VACUUM BLOOD COLLECTION SYSTEM

Serum Clot Activator Tube

Serum clot activator tube is to obtain serum specimen used for serum determinations in chemistry, serology, and immunohematology. Silica particles act as the clot activator. Blood clotting promoted with ultrasonically spray-dried silica particles on the interior tube wall.



Plain Tube

Plain tubes with no additives for biochemistry, immunology and serology test. Naturally separate out the blood cells and fibrin. The intact serum is suitable for a wide range of lab operation.



EDTA Tube

EDTA Tubes contain EDTA as an anticoagulant, are widely used for determinations in EDTA whole blood clinical hematology test, especially for routine blood examination.

The EDTA inhibits the coagulation process by eliminating the calcium in the blood.

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Serum Separation Tubes



Top vacuum blood tubes for serum determinations in chemistry, immunology and serology. Coated with ultrasonically spray-dried microscopic silica particles which activate blood clotting. Contain an inert polymer gel that separates the serum from the bloodclot during centrifugation, preventing contamination of the serum.

ESR Tube



Determination of the Erythrocyte Sedimentation Rate for fully automated analyzers. ESR is a clinical lab test that measures the rate at which red blood cells in whole blood descend into a standardized tube, reported as mm per hour, to measure inflammation as inflamed red blood cells settle quickly relative to normal blood cells. A high ESR could be indicative of elevated inflammation.

ESR Tube



For the manual determination of erythrocyte sedimentation rates with ESR stand.

Sodium citrate is used as anticoagulant to prevent blood from clotting.

ESR Tube Rack



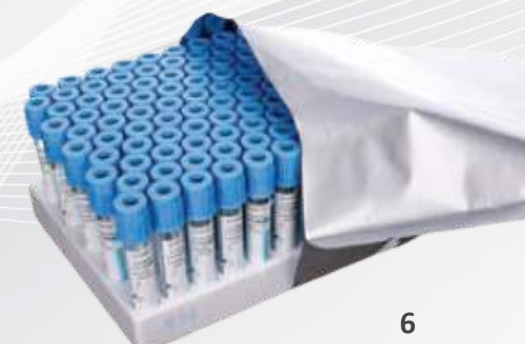
Coagulation Tube



Blue-top blood collection tubes are used for clinical coagulation tests.

Sodium citrate is used as anticoagulant to prevent blood from clotting.

Aluminum composite bags available to provide optimum protection against additive evaporation, UV light, dirt and mechanical influences.



VACUUM BLOOD COLLECTION SYSTEM

Double-wall tubes



Blue-top blood tubes specially designed with double walls are made of PP (polypropylene) and PET (polyethylene terephthalate). PP is ideal for sensitive coagulation parameters due to its nonreactive characteristics. The inner tube is made of PP and prevents the evaporation of liquid. The outer tube is made of PET and ensures a long shelf-life for the vacuum.



Heparin Tube



Heparin tube is used for drawing heparinized plasma or whole blood for emergency biochemical and hemorheological tests. Available in lithium heparin and sodium heparin. The anticoagulant heparin activates antithrombin, which blocks the clotting cascade and thus produces a whole blood/plasma sample. Lithium heparin has no interference with all ion detection during testing, including sodium ion.

Glucose Tube



Glucose tube is used for blood glucose, glucose tolerance, red blood cell electrophoresis, sugar hemoglobin, etc.

Obtain highly stable plasma for blood glucose testing. Sodium Fluoride is an inhibitor of glucose degradation. Potassium Oxalate, EDTA Na₂, and Heparin Sodium prevent blood coagulation and avoid blood hemolysis.

Heparin Tube (Separator Gel)



Heparin tubes contain a polymer separation gel and spray-dried heparin additive.

Available in lithium heparin and sodium heparin. The anticoagulant heparin activates antithrombin, which blocks the clotting cascade and thus produces a whole blood/plasma sample. Lithium heparin has no interference with all ion detection during testing, including sodium ion. The separation gel separates the plasma from the blood cells during centrifugation, preventing contamination of the plasma.

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Non Vacuum Blood Tube

Micro collection tube and Capillary blood collection tube belongs to Non-Vacuum blood tube.

Micro Blood Collection Tubes

Used for pediatric and finger-prick blood sample collections. Made from medical grade polypropylene (PP), virtually unbreakable and highly transparent.

Ultrasonically sprayed additives for different clinical lab tests.

Precision molded snap cap maintains a tight seal during procedures and allows to open by single hand.

Caps are available in bright attractive colors for sample identification purposes.

An integrated scoop on the tube for easier micro blood collection.



VACUUM BLOOD COLLECTION SYSTEM



Non-Vacuum

For serum determinations in chemistry, immunology

For serum determinations in chemistry, immunology and serology.

Contain an inert polymer gel that separates the serum from the blood clot during centrifugation, preventing contamination of the serum.

Made of transparent polypropylene for easy visibility of blood samples PET.



Micro Blood Collection Tubes

Skirted tube with false bottom to make a full-size blood collection tube, with dimensions as 13x75mm.

Compatible with automated hematology analyzers without the need for a tube adapter.

Used for pediatric and finger blood sample collections

VACUUM BLOOD COLLECTION SYSTEM

Versatile tubes and reliable additives for optimal performance in the laboratory.

Tubes are made of medical grade virgin polyethylene terephthalate PET clear as glass with equal or better performance, or low permeability to solvents, eliminating breakage when tubes are centrifuged at higher speed or when stopper is removed and reinserted, to reduce risk of tube breakage during handling.



Interior tube wall is coated with microscopic silica particles which activate clotting when tubes are gently inverted.

Suitable for incineration or autoclaving, no harmful gas is generated.

Preset standard ration additives based on CLSI and CCCLS recommendation.

Accurate preset vacuum level in the tubes ensure precise blood drawing.



Various additives are ultrasonically spray-dried on interior wall to make sure coagulation or anticoagulation more thoroughly.

VACUUM BLOOD COLLECTION SYSTEM

Closures



Various stopper colors conform with international standards. Rubber stopper is recessed inside the plastic shield to avoid potential contact from any blood drops left by a collection needle.



High quality rubber stopper provides maximum sealing with easy puncturing and reliable self-sealing after needle piercing and preventing any possible interactions with blood samples in tubes.

Separator Gel



High quality and reliable inert separation gel is ideal for the collection, storage, and transport of undiluted plasma for molecular diagnostics testing.

When the tube is centrifuged, the separation gel migrates and forms a stable barrier between the plasma and most of the cellular elements without any interference to blood testing.

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Capillary Blood Collection Tube

For collecting, transport and processing capillary blood, especially in children, geriatric patients when small amount of blood sample is required.

Ultrasonically sprayed additives for different clinical lab tests.
Small volume blood collection use.
Micro Tube with central crossed rubber cap for inserting capillary tubes, allowing appropriate capillary to be inserted without removing the cap.



Immediately after draw, gently invert the tube in order to mix with additives.
To obtain serum with clot activator, tubes should be allowed to stand for 30 minutes or until the clot is formed.

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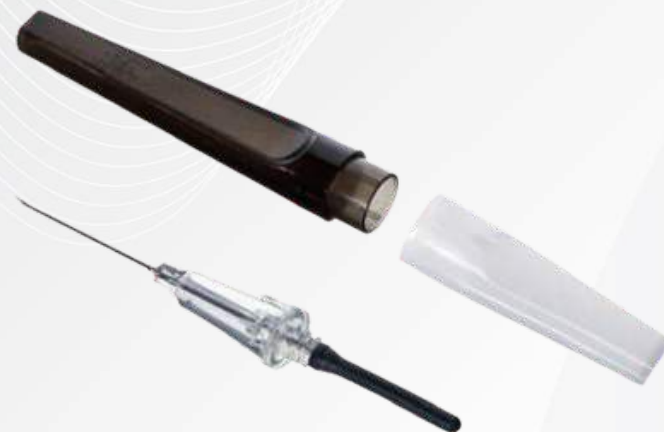
Butterfly Needles



Pen Type Blood Collection Needles



Flashback Blood Collection Needles



Blood Collection Tube Holder



VACUUM BLOOD COLLECTION SYSTEM

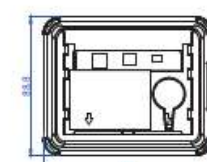
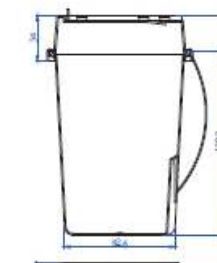
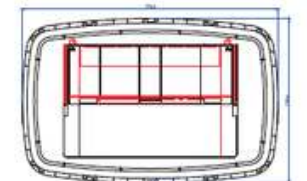
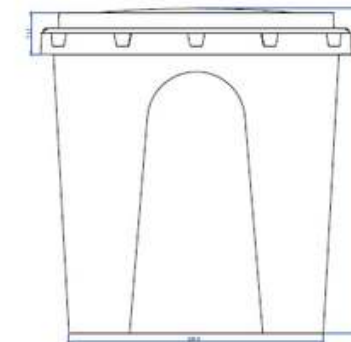
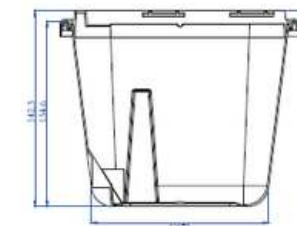


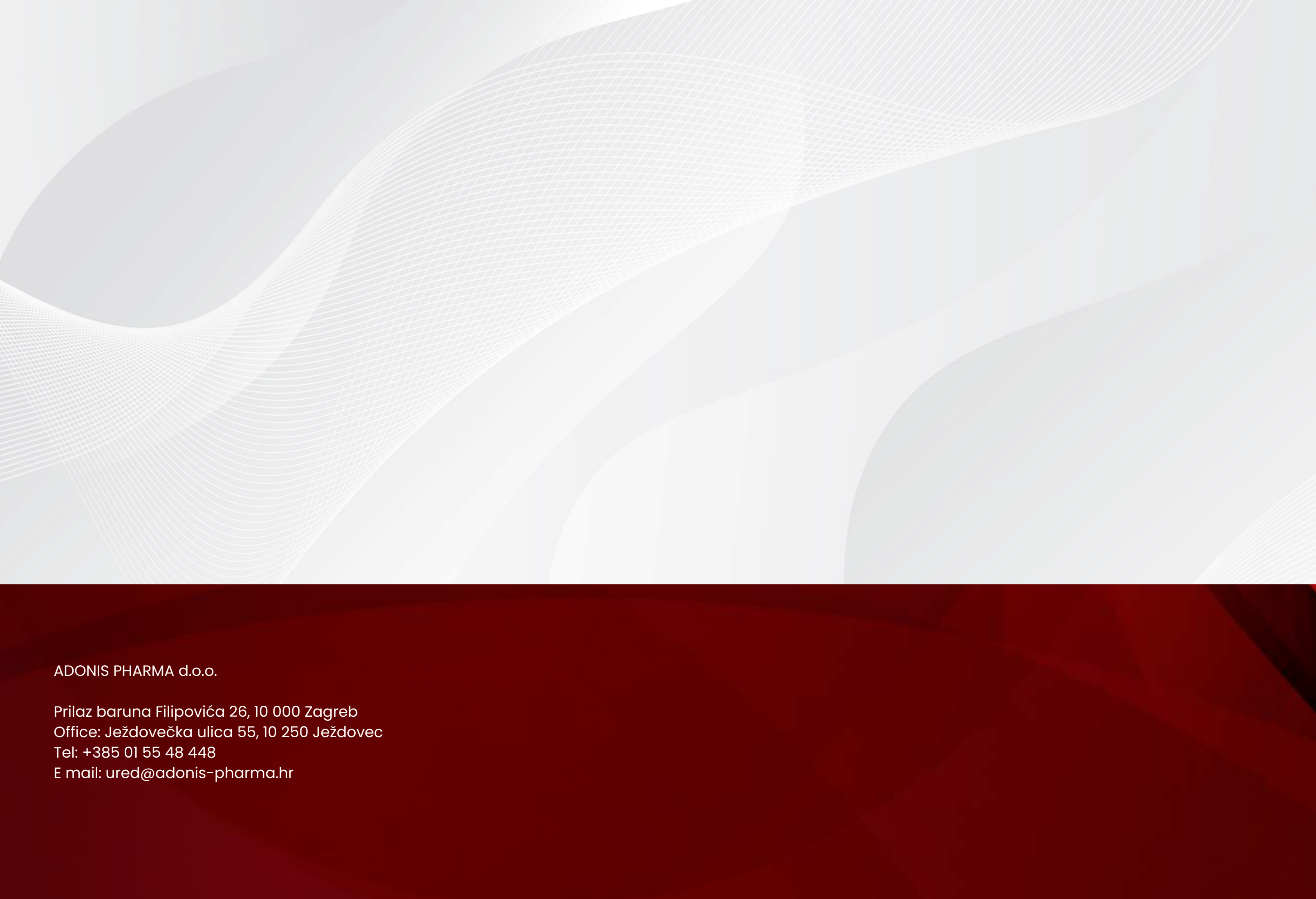
Available dimension:
1L, 3L, 5L, 7L, 13L, 1 gallon, 2 gallons,
6 gallons, 1 quart, 2 quarts, 5 quarts.
The container is made of puncture-resistant
medical plastics.

Sharps Container

Material: Polypropylene, PVC-free.

Standard disposable sharps container used to collect sharps waste, including syringes, infusion sets, hypodermic needles, surgical needles, etc.





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