

ACD Solution B

| | | |
|---------------------|---------------------|--------------------|
| <u>Product Name</u> | <u>Product Code</u> | <u>Kit Packing</u> |
| ACD Solution A | ML100-25ML | 25 ml |

Introduction:

ACD (Acid Citrate Dextrose) Solution B is an anticoagulant solution used for the collection of blood for purposes of storage and transfusion. This solution contains citric acid, sodium citrate and dextrose. Citrate ions chelate ionized calcium present in the blood and forms a non-ionized calcium-citrate complex. When the total dose of citrate ions is greater than the total amount of ionized calcium, blood clotting is prevented. ACD Solution B is supplied as a sterile and ready to use form.

Application:

ACD Solution B is mainly used as an anticoagulant for the collection of blood for storage and transfusion purpose.

Composition:

ACD Solution B contains 23mM citric acid, 65mM sodium citrate and 136mM dextrose.

Properties:

- Appearance : Colorless solution
- Clarity : Clear and free of particles
- Sterility : No Bacterial or Fungal growth observed after 14 days of incubation as per USP Specifications
- Suitability Test : This reagent has been tested and is suitable for use as anticoagulant.

Storage conditions:

ACD Solution B has to be stored at room temperature (15-25°C). Under recommended condition, the reagent is stable for 12 months.

Please refer disclaimer Overleaf.

Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

Performance and Evaluation

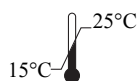
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The ACD Solution B is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.



Storage temperature



Do not use if package is damaged



HiMedia Laboratories Private Limited,
Reg. Off: Plot No. C-40, Road No. 21Y,
MIDC, Wagle Industrial Area, Thane,
(West) 400604, Maharashtra, INDIA.
Web: www.himedialabs.com



01/2025

PIML100_0/0122

ML100-02

Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

HiMedia Laboratories Pvt. Ltd. Reg.office : Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Area, Thane, (West) 400604, Maharashtra, INDIA.
Customer Care No.: 00-91-22-6116 9797 Tel: 00-91-22-6147 1919, 6903 4800 Email: techhelp@himedialabs.com Website: www.himedialabs.com