Introduction: ACD (Acid Citrate Dextrose) Solution A 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 form 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 A is supplied as a sterile and ready to use form.

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

Composition: ACD Solution A contains 38mM citric acid, 107mM sodium citrate and 136mM dextrose.

Properties:
- Appearance: Colorless solution
- Clarity: Clear and free of particles
- Bioburden: None detected
- Suitability Test: This reagent has been tested and is suitable for use as an anticoagulant for whole blood.

Storage conditions: ACD Solution A has to be stored at room temperature (15 - 25 °C).

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.