

Measure Lipids Cal

[Purpose of Use]

Standard Serum for determination of Measure HDL Cholesterol, LDL Cholesterol and Total Cholesterol test kit. For In Vitro Diagnostics use only.

[Structure and Composition of the Kit]

Standard Serum 2mL

[Direction for Use]

1. Preparation method of Measure Lipids Cal.
 - (1) Bring back the vial of Measure Lipids Cal and purified water to room temperature before use.
 - (2) Add 2.0 mL of purified water to the Measure Lipids Cal. Cap the vial and dissolve by inverting gently without making bubbles and put on the rolling mixer 30 minutes. Leave it in room temperature for 2 hours and use it after mixing well.
2. Storage

Reconstituted standard serum can be used for one week under storage in refrigerator (2~8°C). Bring back the refrigerated standard serum to room temperature before use.

[Precaution for Use and Handling]

1. This product is made of human serum as a base. Take same precautions against infection as patient samples such as to wear gloves.
2. Do not pipette by mouth.
3. Sodium azide is added to the product as preserver. In case the product gets into eye or mouth, or comes into contact with skin, wash with plenty of running water and consult a doctor if needed.
4. Sodium azide can react with lead pipe and /or copper pipe and can generate explosive metal azide. Make sure to dilute the wastes with plenty of water and discard.
5. If this product is spilled from the container, disinfect with 80% of alcohol spray and wipe it out wearing gloves for protection of infection.
6. All samples and standard serum, as well as their containers must be treated according to the handling manual for discarding infectious waste materials, or treat them according to the following methods.
 - * Sterilize with an autoclave, subjecting to high pressure saturated steam at 121°C for 20 minutes, however do not process wastes containing sodium hypochlorite with an autoclave.

- * Immerse at least one hour in sodium hypochlorite solution (active chloride concentration of over 1000 ppm).

7. Standard serum once dissolved cannot be used after storing under frozen condition.

[Assigned Values]

Analyte	Standard Material	Concentration	
		mg/dL	mmol/L
Total Cholesterol	JCCRM224		
HDL Cholesterol	JCCRM224		
LDL Cholesterol	JCCRM224		
TRIG			

CHOL	Convert mg/dL to mmol/L =	x	0.02586
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[Storage and Shelf Life]

1. Storage : Store in cold and dark place(2~8°C).
2. Shelf Life: one year. Shelf life is printed on the label of kit box.