

COLLECT • INACTIVATE • STABILIZE • PRESERVE

Directions for Handling Blood or Serum with PrimeStore MTM[®]

1. Handle all blood or serum specimens using established safety procedures and guidelines designated by your laboratory.
2. Whole blood or serum, up to 0.5 ml, can be placed directly into a PrimeStore MTM[®] tube containing 1.5 ml of PrimeStore[®] using a syringe or calibrated pipette.
3. Securely tighten cap and store on the bench or in refrigeration for 30 minutes prior to RNA/DNA extraction. Prior to extraction, vortex tube for 10 seconds to evenly disperse contents.
4. Proceed to extract the RNA/DNA according to the manufacturer's protocol for blood extraction using commercial blood extraction protocol.
5. PrimeStore MTM[®] is compatible with commercial extraction kits that use silica spin columns or bead based extraction systems such as the QiaAmp DNA Blood Mini Kit from Qiagen, or other blood extraction kits for use with the Qiagen M48 and Roche MagnaPure robotic extraction systems.
6. **Note:** Blood or serum stored in PrimeStore[®] at room temperature is stable for up to 30 days at ambient temperatures (15-27 C) and indefinitely at temperatures greater than -20 C .

WARNINGS:

DO NOT insert syringe or pipette into solution before collecting patient specimen.

DO NOT drink, touch or remove PrimeStore MTM[®] from collection tube.

Do NOT transfer PrimeStore MTM[®] into other tubes.

DO NOT pool PrimeStore[®] into larger volumes or leave tubes uncapped for more than 10 minutes.

PrimeStore[®] Reagent Safety and Health Precautions

PrimeStore[®] contains a proprietary blend of reagents that includes a reducing agent and chaotrophic compound (Health Rating: 2, Reactivity: 0). These chemicals can be harmful if inhaled and/or ingested. PrimeStore may cause irritation to skin, respiratory tract and eyes.

First Aid Measures

Skin Contacts	Get medical aid. Immediately flush skin with soap and water while removing contaminated clothing and shoes.
Eye Contact	Immediately flush eyes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Inhalation	Remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Ingestion	Do not induce vomiting. If victim is conscious and alert, give 2-3 cups of water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Caution: Do not ingest solution. Avoid contact with eyes.

If contact occurs, wash with copious amounts of water and consult a physician.

PrimeStore MTM[®] is registered under Republic of South African Patent No. 2009.01049