

Standard Operating Procedure

Title: Handling and storage of human serum samples for measles and rubella IgG and IgM (commercial source)

Purpose

To handle and store commercially acquired human serum samples for measles and rubella IgG and IgM

Risk assessment

Refer to the risk assessment for measles and rubella virus samples. The serum samples have not been inactivated and should be treated as potentially infectious, and therefore **Biosafety Level II**.

Materials and equipment

- Seracare PTR201 Anti-rubella mixed titre performance
- Biomex rubeola (measles) seroconversion panel SCP-MEA-001

Personal protective equipment (PPE) and containment

PPE such as lab coats and gloves must be worn at all times in the laboratory. Masks in combination with goggles or glasses with solid side shields should be worn whenever eye contamination is reasonable anticipated.

Handling and storage

Handle as if capable of transmitting a disease. Wash hands with soap and water after handling pooled human saliva. Do not eat, drink, smoke, apply cosmetics, or handle contact lenses when working with this material. All procedures involving this product must be done in ways that minimize splashing, spraying, splattering, and generation of droplets.

Containers must be sealed when not in use. Store -20 °C to -80 °C. All work should be performed in a BSL2 safety cabinet.

Accidental spill/release measures

Wear PPE when cleaning up spills. Collect spills with absorbent disposable towels. Dispose towels in biological waste and spray down surface with 70% ethanol.