

**Product:** Anti-Group A Rotavirus Serotypes  
**Catalog #:** 13-2404  
**Amount:** 100 ml

---

**CATEGORY:** Sheep Polyclonal

**ANTIGEN**

**PREPARATION:**

Five different serotypes of Group A rotavirus strains WA (serotype I), DS-1 (serotype II), Ito (serotype III), HOCHI (serotype IV) and 69M (serotype VIII) were propagated on monolayers of MA monkey kidney cells. Each serotype was then purified by high speed centrifugation at 100,000 for 90 minutes through a sucrose cushion. The genomicRNA of each preparation was assessed using PAGE and its group, sub-group and serotype assessed by enzyme linked immunoassays based on a total of eleven different specific monoclonal antibodies. Thus each serotype was confirmed before immunization. Immunization was performed with live rotavirus serotypes to avoid the risk of damaging their surface viral proteins (VP7, VP6, VP4).

**FORM:**

Ig Fraction

**CONCENTRATION:**

3.5 mg/ml

**ASSAY SYSTEM:**

IFA, Neutralization, Competitive ELISA

**WORKING DILUTION:**

Immunofluorescence Min. 1:2000

Neutralization Min. 1:2000

Competitive ELISA Min. 1:200

**STORAGE:**

2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCE:**

Beards et al., J. Med. Virol. 1980; 5: 231-237

Beards et al., J. Virol Methods 1989; 2: 103-110

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.