

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** R02721 **Lot #:** 8C07422

**Description:** Adenovirus (Strain Adenoid 6)  
Adenovirus Grade 2 Antigen (Strain Adenoid 6)  
  
Contains high concentration of virus and viral components as well as some cellular material.

**Source:** MRC-5 Cells  
Strain: Adenoid 6

**Format:** Lysate, Liquid

**Purification:** Optimally infected cells are disrupted by sonication and then subjected to low speed centrifugation. The clarified cell lysate is pooled with supernatant from the infected culture and concentrated by cross flow ultrafiltration with a 30,000 molecular weight cut-off.

**Concentration:** 2.3 mg/mL (Biorad Dye Binding Assay)

**Buffer:** MEM

**Preservative:** None

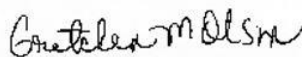
**Applications:** The antigen preparation should be sonicated immediately prior to use to ensure that the preparation is uniform. Grade 2 antigen is suitable for use for both IgG and IgM detection in assays which include EIA with polystyrene and latex solid phases. This preparation may be further purified to meet the needs of a particular assay format. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Upon receipt, store at -70°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Gamma radiation. This procedure is effective primarily by damaging viral genetic material.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



18 MAR 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**