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## CERTIFICATE OF ANALYSIS

**Catalog #:** R18520 **Lot #:** 4F17120

**Description:** Coronavirus, SARS Assoc., E Recomb. Protein  
Coronavirus, SARS Associated, E Protein, Recombinant

Contains the E protein immunodominant region. Not full-length E protein. Contains GST fusion partner. Immunoreactive with SARS positive sera. Molecular weight is 34.7 kDa. May appear as multiple bands on SDS-PAGE (intact protein at 34.7 kDa, GST fusion protein at 26 kDa and the E fragment at 8.7 kDa).

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** > 95% pure (10% PAGE, Coomassie Staining). GS-4B Sepharose-Affinity Purification.

**Concentration:** 1 mg/mL (Bradford Method)

**Buffer:** 50 mM Tris-HCl, pH 8.0, 60 mM Sodium Chloride containing 50% Glycerol.

**Preservative:** None

**Applications:** Suitable for use in ELISA and Western Blot. 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 -20°C.

**Inactivation:** Not Applicable

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

*Brenda Dunn*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**