



Recombinant SARS-CoV (aa 1-49) [GST] (DAGA-2009)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Coronavirus (SARS assoc) Nucleo. (1-49) Recomb. Coronavirus, SARS Associated, Nucleocapsid (Amino Acids 1-49), Recombinant Contains the Nucleocapsid protein immunodominant region. Contains GST fusion partner. Immunoreactive with SARS positive sera. Molecular weight is 31.6 kDa. May appear as multiple bands on SDS-PAGE (intact protein at 31.6 kDa, GST fusion protein at 26 kDa and the Nucleocapsid fragment at 5.6 kDa).
Antigen Description	SARS Coronavirus is an enveloped virus containing three outer structural proteins, namely the membrane (M), envelope (E), and spike (S) proteins. Spike (S)-glycoprotein of the virus interacts with a cellular receptor and mediates membrane fusion to allow
Species	Coronavirus
Purity	> 95% pure (10% PAGE, Coomassie Staining)
Conjugate	GST
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.
Molecular Weight	31.6 kDa
Format	Purified, Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Buffer	50 mM Tris-HCl, pH 8.0, 60 mM Sodium Chloride containing 50% Glycerol.
Preservative	None

Storage

Upon receipt, store at –20°C

BACKGROUND

Keywords

SARS-CoV Nucleocapsid core protein; Severe acute respiratory syndrome-CoV Nucleocapsid core protein; Severe acute respiratory syndrome; SARS
