

CERTIFICATE OF ANALYSIS

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

Catalog #: B65901R **Lot #:** 8J28821

Description: Rabbit anti *Shigella* sp.
Rabbit Antibody to *Shigella* Species

Specificity: Polyvalent for *Shigella* antigens. Reacts with *Shigella* species including *S. sonnei*. Antiserum is not absorbed and does react with related *Enterobacteriaceae*.

Host Animal: Rabbit

Immunogen: Mixture of *S. boydii* (ATCC #8700), *S. flexneri* (ATCC #29903) and *S. dysenteriae* (ATCC #13313).

Format: Purified, Liquid

Purification: > 95% pure. Protein A Chromatography

Concentration: 4-5 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
Product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

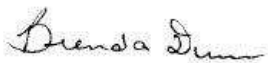
Applications: Suitable for use in IFA. Works with stool samples. Acetone fixation of the antigen source is recommended prior to staining. Spot suspension of bacteria onto slide. Air dry. Fix slide with 100% Acetone for 5 minutes at room temperature. Air dry. Stain. It is also suitable for conjugation purposes. 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: Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

References: The reference listed below is for research purposes only:
Sapsford, K.E., et al., (2004), "Detection of campylobacter and shigella species in food samples using an array biosensor", *Analytical Chemistry*, 76(2): 433–440.

Quality Signature:



18OCT2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY