

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** R01581 **Lot #:** 12L35720

**Description:** *Toxo gondii* p35 (GRA8), Recomb  
*Toxoplasma gondii* p35 (GRA8), Recombinant. Contains a His-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 21.7 kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** 95% pure (SDS-PAGE).

**Concentration:** 1.19 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.053)

**Buffer:** 20 mM Phosphate Buffer, pH 6, 0.15 M Sodium Chloride and 5 mM EDTA.

**Preservative:** None

**Applications:** Suitable for use in ELISA and Western Blot. For ELISA, suggested concentration for coating plates is 0.44 to 1.9 µg/mL for IgG or IgM detection. 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 to -80°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

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

Quality Signature: 

23 DEC 2020

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**