

CERTIFICATE OF ANALYSIS

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

Catalog #: R01797 **Lot #:** 2F17222

Description: *Toxo gondii* SAG1 (p30), Recomb
Toxoplasma gondii SAG1 (p30), Recombinant
Recombinant produced from *Toxoplasma gondii* major surface protein. Contains a His-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 16.9 kDa.

Source: *Pichia pastoris*

Format: Purified, Liquid

Concentration: 1.57 mg/mL (OD280nm, $E^{0.1\%} = 0.850$)

Buffer: 20 mM Phosphate Buffer, pH 8, 0.1 M Potassium Chloride, 0.1% Polyoxyethylene (10) Tridecyl Ether.

Preservative: None

Applications: Suitable for use in ELISA and Western Blot. For ELISA, suggested concentration for coating plates is 0.0.5 to 2.1 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. To defrost, thaw at 25°C without shaking to avoid aggregation. If aggregates are seen centrifugate to remove any aggregates.

Inactivation: Not Applicable



Quality Signature:

24 June 2023

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY