

CERTIFICATE OF ANALYSIS

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

Catalog #: R01573 **Lot #:** 1G18820

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 36.6 kDa.

Source: *E. coli*

Format: Purified, Liquid

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

Concentration: 1.15 mg/mL (OD280nm, $E^{0.1\%} = 0.633$)

Buffer: 20 mM Phosphate Buffer, pH 8.0, 1 M Sodium 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.

Inactivation: Not Applicable

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

Bianca Gale

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY