

## CERTIFICATE OF ANALYSIS

**Catalog #:** 8000 **Lot #:** M41325022

**Description:** TRU Block™ ULTRA

TRU Block™ ULTRA has an active blocking technology across various assay types and powerful assay interference blocking characteristics against human anti-mouse antibody (HAMA), rheumatoid factor (RH) and heterophilic antibodies (HA). The blocking effectiveness of TRU Block™ ULTRA has been proven in ELISA and lateral flow assay formats. The enhanced effectiveness of TRU Block™ ULTRA allows to add this active blocker at reduced concentrations to achieve HAMA blocker cost reductions as well as broad coverage against HA/RF.

**Source:** Proprietary antibodies and Normal mouse serum

**Format:** Purified, Liquid **Exp. Date:** 04 SEP 2024

**Purification:** Purified by Protein A

**Purity:** ≥ 95% by SDS-PAGE **DOM:** 04 SEP 2019

### Protein

**Concentration:** OD 280nm Assay ( $E^{0.1\%} = 1.4$ ):  
Acceptable Range: 24 – 26 mg/mL  
Testing Results: 24.8 mg/mL

**Bioburden:** Tested by Direct Inoculation  
Acceptable Range: < 5 CFU/mL  
Testing Results: Pass

**Buffer:** 10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.0 – 7.4

**Preservative:** 0.05% Sodium Azide

**Applications:** Active blocking of heterophilic antibody interference in immunoassays.  
TRU Block™ ULTRA employs an active blocking technology that results in higher blocking efficiency than conventional blockers and provides broad coverage against HAMA, HA and RF interferences. Proven effective for ELISA and Lateral Flow assays. Suited for double mouse monoclonal assays.

RECOMMENDED CONCENTRATION: • For best performance, TRU Block™ ULTRA should be included as part of the sample or conjugate diluent, at a recommended concentration range: 0.5µg/mL – 20µg/mL (diluted samples) or 5µg/mL – 20µg/mL (non-diluted samples)

**Storage:** Store at 2 – 8°C for short term storage and ≤ -20°C for long term storage. Avoid multiple freeze thaw cycles.

**Safety Notes:** Refer to the appropriate Safety Data Sheet (SDS) for additional information

Quality Signature:



19 November 2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**