

Recombinant M Tuberculosis 38kD Antigen Protein

Cat. No. Mt38-160M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	M.tuberculosis
Source	E.coli
Description	M tuberculosis 38 kD Antigen produced in the E. coli expression system. This 38 kD protein reacts with human TB serum in ELISA and Western ELISA.
Form	Liquid, sterile filled
Molecular Mass	38.9 kD
Purity	> 98 % by SDS-PAGE
Applications	ELISA; Western ELISA; TB Diagnostics.
Notes	Recommended concentrations for use are approximate values. A dose dependent response assay should be performed to determine the optimal concentration for use in specific applications. ELISA and Western ELISA require 10-100ng protein depending on the nature and affinity of the detection reagent. Human serum polyclonal antibodies yield titers of 1:1000 or greater at 100ng of immobilized protein under standard ELISA conditions

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Stability	At least 2 years at -75 centigrade.
Storage	Store at -75 centigrade.
Dilutions	50mM NaPO ₄ , pH 7.0, 0.1M NaCl , 0.05% SOD. Sarcosyl

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