

Recombinant M Tuberculosis ESAT-6 Antigen Protein

Cat. No. MTESAT6-157M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	M.tuberculosis
Source	E.coli
Description	M Tuberculosis ESAT-6 Antigen produced in the E. coli expression system. This ESAT-6 protein reacts with human TB serum in ELISA and Western ELISA.
Form	Liquid, sterile filled
Molecular Mass	13 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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