

Recombinant M Tuberculosis CFP-10 Antigen Protein

Cat. No. MTCFP10-159M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	M.tuberculosis
Source	E.coli
Description	M. Tuberculosis (virulent strain specific) CFP-10 antigen produced in the E. coli expression system. This CFP-10 protein reacts with human TB serum in ELISA and Western ELISA. Suitable for diagnostic applications.
Form	Frozen Liquid
Molecular Mass	11 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

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1:1000 or greater at 100ng of immobilized protein under standard ELISA conditions.
This product is sterile filtered and is stable at refrigeration temperature. Remove product aseptically from the vial.

Storage

Store at -75 centigrade.

Dilutions

50mM NaPO₄, pH 7.0, 0.1M NaCl, 0.05% SOD. Sarcosyl

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