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# Certificate of Analysis and Data Sheet

## Rabbit anti *M. tuberculosis*

**Catalog No.**  
MD-14-1019

**Species**  
*M. tuberculosis*

<b>Description:</b>	Rabbit Antibody to <i>Mycobacterium tuberculosis</i> , Horseradish Peroxidase conjugated
<b>Specificity:</b>	Minimum of 2 major <i>M. tuberculosis</i> bands by immunoelectrophoresis (gamma & beta). This antiserum has not been absorbed and may react with related species. Reactive with other Mycobacteria species including <i>M. avium</i> , <i>M. phlei</i> and <i>M. parafortuitum</i> . Crossreactive with <i>Rhodococcus sp.</i> Antibody is non-reactive with <i>E. coli</i> K12, <i>Salmonella typhimurium</i> , <i>Pseudomonas aeruginosa</i> , <i>Streptococcus</i> (group B), <i>Candida albicans</i> and <i>Neisseria meningitidis</i> .
<b>Host Animal:</b>	Rabbit
<b>Immunogen:</b>	Purified PPD
<b>Format:</b>	HRP, Liquid
<b>Purification:</b>	IgG fraction of the antiserum covalently coupled to a highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while reserving maximum enzyme activity. Free enzyme is absent. Estimated Molar HRP: IgG substitution is 2-3
<b>Concentration:</b>	1-2 mg/ml (OD280nm, $E^{0.1\%} = 1.4$ )
<b>Buffer:</b>	PBS containing 10 mg/ml BSA
<b>Preservative:</b>	0.002% Thimerosal
<b>Applications:</b>	Suitable for immunohistochemistry and IFA. 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.
<b>Storage:</b>	Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**