

Technology: [Methods for detecting a mycobacterium tuberculosis infection](#)

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Abstract

Methods for detecting an infection with Mtb in a subject are disclosed. The methods include detecting the presence of CD8.sup.+ T cells that specifically recognize an Mtb polypeptide. The methods include in vitro assays for detecting the presence of CD8.sup.+ T cells in a biological sample, and in vivo assays that detect a delayed type hypersensitivity reaction. The methods also include detecting Mtb polypeptides and polynucleotides.