The role of Antibodies in Tuberculosis Diagnosis, Prophylaxis and Therapy: A review from the ESGMYC study group

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Take home message
Despite being controversial, antibodies could play a role in the diagnosis of active TB, LTBI and treatment response monitoring. Antibodies could also help when administered as passive transfer and in the protection generated by new TB vaccine candidates.
1. Supplementary Figures

Strategies to improve the accuracy of serodiagnosis of TB

- Single antibody (IgG) against
  - Single novel antigen
  - Multiple antigens
  - Antigen cocktail
  - Fusion protein (polyprotein)

- Techniques (Assay)
  - Luminex multiplex assay
    - LIPS*
    - ELISA**

- Multiple antibodies (IgG, IgA, IgM) against
  - Single novel antigen
  - Multiple antigens
  - Antigen cocktail
  - Fusion protein (polyprotein)

- Antibody Fc-profiles
  - Glycan analysis

**Supplementary Figure S1.** Strategies to improve the accuracy of serodiagnosis of TB. *LIPS: Luciferase Immunoprecipitation Systems. **ELISA: Enzyme-linked Immunosorbent Assay