

IVD CE



MAC Ab

Capilia™ MAC Ab ELISA



[What is MAC?]

Among acid-fast bacterial infections, an infection caused by *Mycobacterium avium* complex (MAC), a group of non-tuberculous mycobacteria (NTM), is called MAC disease, which accounts for most non-tuberculous mycobacterial infections.

■ World's first MAC test adopting serum samples

To detect serum IgA antibodies to GPL core derived from MAC by ELISA

■ Rapid detection of MAC pulmonary disease (MAC-PD)

3 hours for obtaining test results

■ Useful for discriminating MAC-PD from pulmonary TB

Also beneficial for discriminating MAC-PD from MAC colonization / contamination

■ Can be used even for small number of tests

Adopting 8-well modules



MAC Ab ELISA Test

Capilia™ MAC Ab ELISA

To detect serum IgA antibodies to glycopeptidolipid (GPL) core derived from *Mycobacterium avium* complex (MAC).

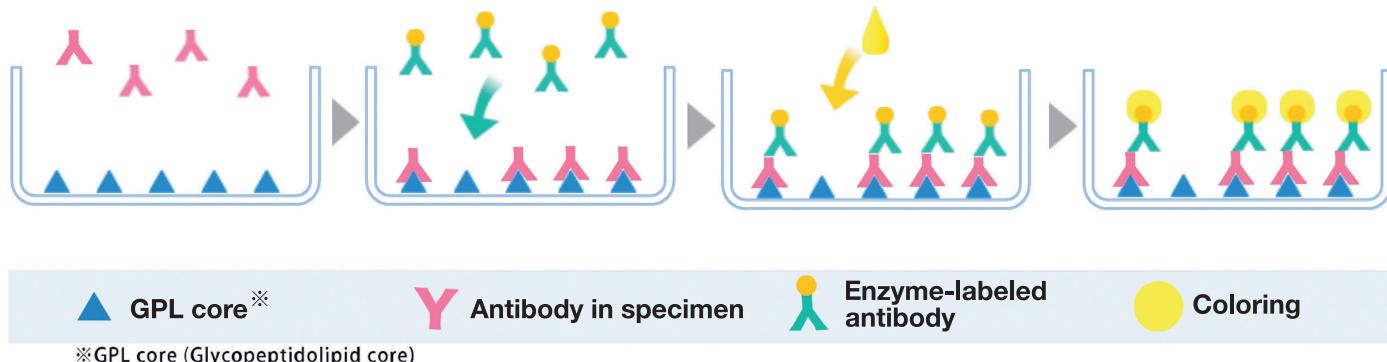
Test Procedure and Principle

1 Add specimen

2 Add enzyme-labeled antibody solution

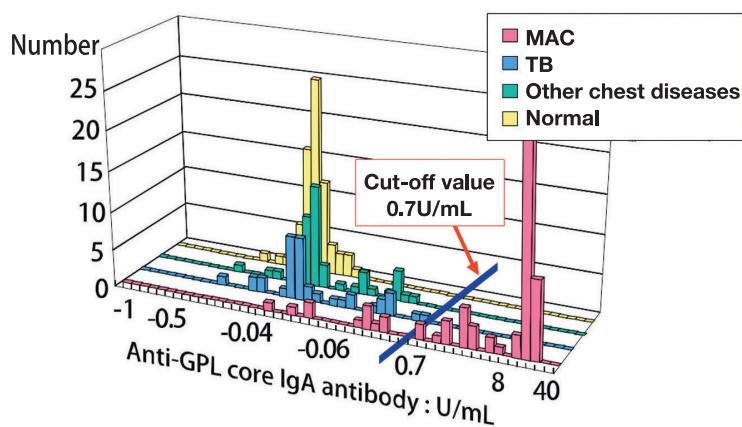
3 Add coloring solution

4 Coloring

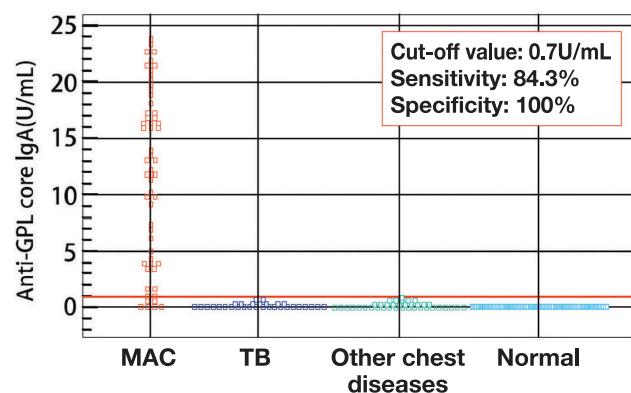


Reference Data

Anti-GPL core IgA antibody distribution in each group of symptoms.



Sensitivity and Specificity to MAC



In the case of an infection with *M. abscessus*, *M. scrofulaceum*, *M. fortuitum* or *M. chelonae*, any of which has GPL, a positive result may be obtained.

Product Summary

- REF CAMC8170 (96 Tests)
- Validity: 12 months
- Storage: Store at 2-8°C
- Time required: 60 min. (Primary reaction)
60 min. (Secondary reaction)
20 min. (Coloring)

- Kit contents:
 - Microplates coated with a solid-phased antigen 96 wells×1,
 - Enzyme-labeled antibody solution 7 mL×1,
 - Chromogen solution 16 mL×1,
 - Specimen diluent 100 mL×1,
 - Stop solution 16 mL×1,
 - Wash solution (×5) 100 mL×1,
 - Cover for Microplates coated with a solid-phased antigen ×1



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