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A rapid magnetic particle-based enzyme immunoassay for human cytomegalovirus glycoprotein B detection

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Highlights

- Sensitive magnetic particles-based enzyme immunoassay for gB-HCMV detection
- Very efficient oriented antibody immobilization on protein G-functionalized MBs
- Improved selectivity due to a sandwich immunoassay scheme using two antibodies
- The method shows great potential for clinical applications