

Title (en)
REAGENT FOR AGGLUTINATION ASSAYS.

Title (de)
REAGENZ ZUR MESSUNG DER AGGLUTINATION.

Title (fr)
REACTIF POUR DOSAGES D'AGGLUTINATION.

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Application
EP 93909677 A 19930519

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Abstract (en)
[origin: WO9324630A1] The invention provides a bifunctional recombinant protein comprising a particle-binding antibody or antibody fragment (PBM), and an analyte-binding moiety or molecule (ABM). Preferably, the particle-binding antibody or antibody fragment is an erythrocyte-binding antibody or antibody fragment (EBM), and/or the ABM is selected from the group consisting of an antigenic peptide from an immunodominant region of an env protein of HIV-1 or HIV-2, a gag protein of HIV-1 or HIV-2, and an immunodominant region of the surface antigen of Hepatitis B. Alternatively, the ABM is a single chain Fv region of an antibody directed against an antigen selected from the group consisting of Hepatitis B surface antigen, D-dimer and canine heartworm antigen. In a particularly preferred embodiment, the EBM is a single chain Fv region of an anti-erythrocyte antibody, such as an anti-glycophorin antibody. The protein of the invention is particularly suitable for use in agglutination immunoassays. Methods for producing the protein of the invention, DNA sequences, and assay methods and reagent kits therefor are also provided.

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Citation (search report)
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• See references of WO 9324630A1

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