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(54) **Title:** BISPECIFIC ANTIBODIES AND METHODS FOR PRODUCTION THEREOF

(57) **Abstract:** The invention relates to an ex vivo method for the generation of a bispecific antibody, comprising the steps of: a) providing a first antibody having a first binding specificity, wherein said first antibody comprises an IgG4-like CH3 region, b) providing a second antibody having a second binding specificity which differs from said first binding specificity, wherein said second antibody comprises an IgG4-like CH3 region, c) incubating said first and second antibodies together under reducing conditions which allow the cysteines in the core hinge region to undergo disulfidebond isomerization, and d) obtaining a bispecific antibody. The invention furthermore relates to bispecific antibodies obtainable by the method of the invention.

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