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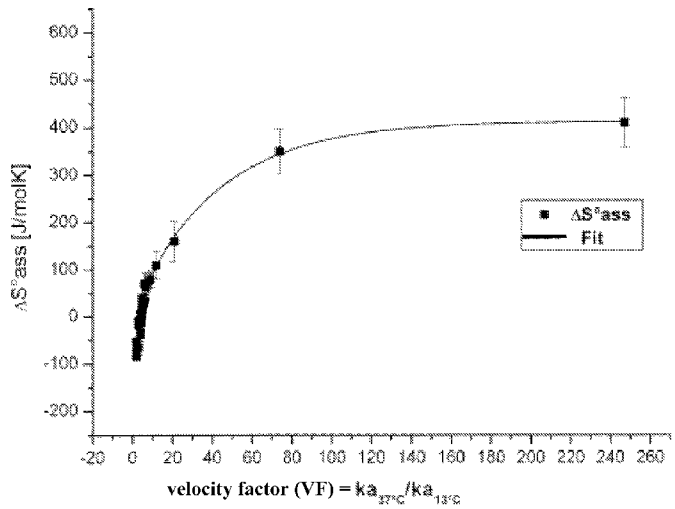
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(54) **Title**: VELOCITY FACTOR

Fig. 8



(57) **Abstract**: The current invention is directed to the velocity factor. Based on the velocity factor antibodies can be classified, i.e. antibodies can be characterized on their binding properties as e.g. entropic or enthalpic antigen binder. A velocity factor based classification does not require detailed thermodynamic determinations and/or calculations. The velocity factor is the ratio of the antigen-antibody complex association rate constants ka determined at 37 °C and 13 °C. As only two experimental determinations are required to calculate the velocity factor this is a fast and high-throughput suited method.

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