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(54) **Title**: METHOD FOR DETECTING Aß-SPECIFIC ANTIBODIES IN A BIOLOGICAL SAMPLE

(57) **Abstract**: Disclosed is a method for detecting Aβ-specific antibodies in a biological sample comprising the following steps: -contacting the sample with Aβ-aggregates or with particles comprising Aβ-aggregate like surfaces and allowing the Aβ- specific antibodies to bind to the Aβ-aggregates, and -detecting the Aβ-specific antibodies bound to the Aβ-aggregates by a single particle detection technique, preferably by fluorescence activated cell sorting FACS.