

Mouse Amyloid Beta Peptide 1-40 (Ab1-40) RTU ELISA Kit | Ab1-40 rtu elisa kit

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CATALOG # AAA68791	REACTIVITY Mouse
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PRODUCT SYNONYMS

Amyloid Beta Peptide 1-40 (Ab1-40); Mouse Amyloid Beta Peptide 1-40 (Ab1-40) ELISA Kit; Ab1-40 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ab1-40. No significant cross-reactivity or interference between Ab1-40 and analogues was observed.
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	15.6-1000pg/mL
Sensitivity	< 6.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ab1-40 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Ab1-40 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

ADDITIONAL INFORMATION

Related Product Information for Ab1-40 rtu elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of Ab1-40 in mouse serum, plasma or other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Ab1-40 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Ab1-40 and unlabeled Ab1-40 (Standards or samples) with the pre-coated antibody specific to Ab1-40. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Ab1-40 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Ab1-40 in the sample.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-rtu-elisa-kits/amyloid-beta-peptide-1-40-ab1-40/68791>