Product Data Sheet

Product Name:	β-Amyloid (9-42)
Catalog Number:	AS-60084-1 (1 mg) Lot Number: See label on vial
Sequence:	H-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Glu-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val-Ile-Ala-OH (3-letter code) GYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA (1-letter code)
Molecular Weight:	3556.2
% Peak Area by HPLC:	≥ 95
Appearance:	Lyophilized white powder

Peptide Reconstitution: Reconstitute by adding 100 µl 1%NH_4OH to 1 mg β-Amyloid (9-42) peptide. Dilute this peptide solution to approximately 1 mg/ml (or more dilute) with a buffer such as PBS or another buffer; aliquot and store at -20C.

Storage: β-Amyloid (9-42) peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at –20°C or lower. Reconstituted peptide can be aliquoted and stored at –20°C or lower.

Additional Information: *Listed below are relevant information that may provide a guideline on how to use this product. End users will have to adapt to their own specific applications.*

Two wash steps, as described above, followed by 2 additional washes with 50 mmol/L HEPES (pH 7.0) completed the reaction. After the arrays had dried, a 20% saturated solution of α-cyano-4-hydroxycinnamic acid (Ciphergen Biosystems) in 5 mL/L trifluoroacetic acid–500 mL/L acetonitrile–495 mL/L water was applied to each spot. Mass analysis was performed on a ProteinChip reader (Model PBS II; Ciphergen). For calibration purposes, 7 fmol of $Aβ_{9–42}$ peptide (AnaSpec) and 6 fmol of bovine insulin (Ciphergen) were applied and used for data calibration- Vanderstichele, H. et al. *Clin. Chem.* **51**, 1650 (2005).

Published Citations:

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