

NF-light® ELISA Standard, lyophilized

Description	Lyophilized Neurofilament light protein. Standard/Calibrator vial from UmanDiagnostics' NF-light® ELISA kit. The lyophilization buffer is a Tris-based Saline buffer with BSA, a mild detergent and a non-hazardous preservative.
NF-L purification process includes	Liquid nitrogen storage Homogenization in salt solution 6-9 M urea solubilization Ion exchange & Hydrophobic interaction chromatography in urea Elution by salt concentration increase Dialysis 0,2 µm filtration Lyophilization
NF-L Source	Bovine spinal cord from certified, healthy animals
NF-L molecular weight	68 kDa (determined by SDS gel electrophoresis)
Application	As calibrator in NF-light® ELISA. The vials are intended for single use and should not be frozen.
Reconstitution	The vial should be reconstituted in the stated volume just before use. Vortexing is recommended. For reconstitution, use purified water or aqueous buffers.
Storage	2 - 8°C.
Shelf-life	See vial label for shelf life of un-reconstituted Standard vial.
NF-L Concentration	The immunogenic concentration of the Standard vial – when used in the UmanDiagnostics' NF-light® ELISA – is 5000pg/ml. The concentration of NF-L in each calibrator lot has been assigned based on analysis of well-characterized cerebrospinal control samples using a specific lot of NF-light® ELISA. For use in any other application, UmanDiagnostics can not guarantee the performance of the Standard, instead internal quality control samples should be established. This may result in a requirement to adjust Standard concentrations when switching between Standard lots.
Article No.	27001
Origin	The product has been manufactured in Sweden.

The product is not likely to disseminate agents of diseases or infectious diseases to domestic animals, wild life or humans. It is non-hazardous, non-infectious and are to be used for **Research Use Only**.

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