

TECHNICAL SPECIFICATION NF-light™ ELISA (10-7002)

Quanterix™

UmanDiagnostics
A Quanterix Company

- Assay principle:** The UmanDiagnostics NF-light™ test uses two highly specific non-competing monoclonal antibodies. One is immobilized on a solid phase and catches the neurofilament light (NF-L) in solution. The other antibody acts as detector which interacts with the bound protein and gives rise to a signal through biotin – horseradish peroxidase avidin binding. The signal obtained from the standard curve corresponds directly to the amount of NF-L.
- Intended use:** Intended for research use only, not for use in diagnostic procedures, for detection of NF-L in human CSF. The kit contains material for 40 tests in duplicate.
- Origin:** The product has been manufactured in Sweden.
- Regulatory status:** Research Use Only for non-European market.
- Reagent content:**
- Anti-NF-light strip plate 96 wells (part 27009)
Pre-coated with mouse anti NF-L monoclonal antibody sealed in foil pouch containing a desiccant bag.
 - Bovine NF-L standard 2 vials (part no. 27001)
Contains BSE-, FMD-negative bovine material of German origin.
 - Sample diluent 1 bottle 40 ml (part no. 27005)
Aqueous buffered solution with 0.05% Tween-20.
 - Conjugate diluent 1 bottle 12 ml (part no. 27004)
Aqueous buffered biotin free stabilizing solution.
 - Tracer 50 x solution 1 vial 260 µl (part no. 27002)
Biotin labelled anti NF-L monoclonal antibody in aqueous buffered biotin free stabilizing solution.
 - Conjugate 1 vial 260 µl (part no. 27003)
Streptavidine HRP conjugate in aqueous buffered biotin free stabilizing solution.

Contact information:

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Reagent content: Wash solution 10 x solution 2 bottles 40 ml (part no. 27007)
(cont.) Aqueous buffered solution with 0.05% Tween-20.

Stop reagent 1 bottle 6 ml (part no. 27008)
H₂SO₄ (8% v/v).

TMB 1 bottle 12 ml (part no. 27006)
Aqueous substrate containing tetramethylbenzidine.

Other components: Plate covers 2 pcs (part no. 37025)
Tube for conjugate dilution 2 pcs (part no. 37065)
Instructions for use 1 pcs [part no. 17011]

Preservatives: ≤ 0.05% 5-Bromo-5-nitro-1,3-dioxan in the reagents.

Shelf life: Maximum 18 months from day of manufacture. The NF-light™ strip plate should be used within 4 weeks after opening.

Storage: 2-8 °C

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