

Product datasheet

Human Anti-Aquaporin Antibody IgG ELISA Kit

Catalog # EK00841E

Overview

Product name	Human Anti-Aquaporin Antibody IgG (NMO-IgG) ELISA Kit
Size	96 wells
Species Reactivity	Human
Assay Type	Sandwich
Sample Type	Serum, Plasma, and cell supernatant
Assay Range	1.5ng/L – 90ng/L
Kit Components	Assay Plate, Standard, Standard diluent, Sample diluent, Enzyme conjugate, Detection reagent A & B, Wash buffer, Stop solution, Protocol, Quality control certificate
Storage	Store at 2-8 °C
Product Note	This ELISA Kit uses the double-antigen sandwich method to determine the level of human anti-aquaporin antibody IgG (NMO-IgG) in the specimen. The ELISA analytical biochemical technique of the kit is based on NMO-IgG antigen-NMO-IgG antibody interactions (immunosorbency) and an HRP colorimetric detection system to detect NMO-IgG targets in samples. NMO-IgG are added to the antigen-coated microwells, and then combine with the HRP-labeled antibody to form an antigen-antibody-Enzyme-labeled antigen complex, after thorough washing, add substrate TMB to develop color. TMB is converted into blue under the catalysis of HRP enzyme, and into the final yellow under the action of acid. The color intensity is positively correlated with NMO-IgG in the sample. Absorbance (OD value) is measured at a wavelength of 450nm with a microplate reader, and the concentration of human NMO-IgG in the sample can be calculated from the standard curve.



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Typical Data

Results of a typical standard curve are provided **with the product** for **demonstration only** and should not be used to obtain test results.

A standard curve must be run for each set of samples assayed.

