

## Human Sulfatide (Sulfatide IgM antibody) ELISA Kit

Human Anti-Sulfatide (Anti-Sulfatide IgM antibody) ELISA Kit

CATALOG #  
**AAA277955**

REACTIVITY  
**Human**

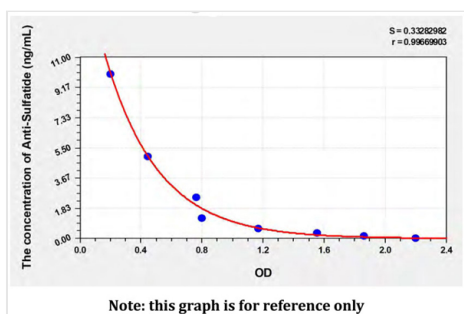
### PRODUCT SYNONYMS

Sulfatide (Sulfatide IgM antibody); Human Anti-Sulfatide (Anti-Sulfatide IgM antibody) ELISA Kit; Anti-Sulfatide IgM antibody; Sulfatide (Sulfatide IgM antibody) elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Human                                                                                                                                                                                                     |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Human Anti-Sulfatide. No significant cross-reactivity or interference between Human Anti-Sulfatide and analogues was observed. |
| Assay Type            | Competitive                                                                                                                                                                                               |
| Detection Range       | 0.16-10 ng/mL                                                                                                                                                                                             |
| Sensitivity           | 0.048 ng/mL                                                                                                                                                                                               |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.                                    |
| Inter-assay Precision | Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Sulfatide (Sulfatide IgM antibody) elisa kit

**Principle of the Assay:** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Anti-Sulfatide protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-Sulfatide. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Human Anti-Sulfatide in the samples is then determined by comparing the OD of the samples to the standard curve.

**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.

