

Human sCD116 ELISA KIT

Catalog No. **850.660.096** 1 x 96 tests

PRINCIPLE OF THE METHOD

The sCD116 Kit is a solid phase sandwich Enzyme Linked-Immuno-Sorbent Assay (ELISA). A monoclonal antibody specific for CD116 has been coated onto the wells of the microtiter strips provided. The antigen and a biotinylated monoclonal antibody specific for CD116 are simultaneously incubated. Revelation step includes Streptavidin-Horse Radish peroxidase and TMB as chromogen.

SPECIFICITY

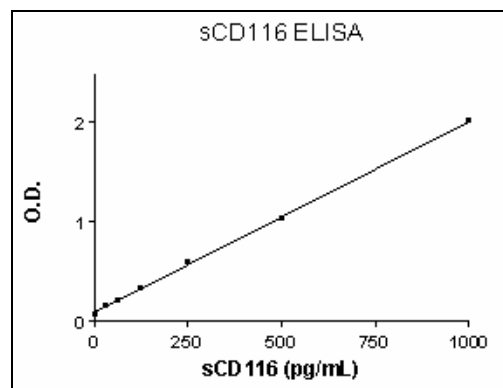
Recognize soluble GM-CSF receptor α chain.

PERFORMANCES

- . Sensitivity < 16 pg/mL
- . Range 31.25 pg/mL-1000 pg/mL
- . Sample Serum, Plasma, or cell-culture supernatants
- . Sample Volume 100 μ l
- . Precision

Intra-Assay					Inter-Assay				
Sample	n	Mean (pg/mL)	SD	CV%	Sample	n	Mean (pg/mL)	SD	CV%
A	31	700.2	20.4	2.9	A	6	555	22.2	4
B	32	378	12.8	3.4	B	6	120.7	2.2	1.8

- . Total Procedure length 3h45mn



Typical sCD116 standard curve ranging from 31.25 to 1000pg/mL



Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com