

Human sICAM-2 ELISA KIT

Catalog No. 850.550.192 2x96 tests

PRINCIPLE OF THE METHOD

The sICAM-2 Kit is a solid phase sandwich Enzyme Linked-Immuno-Sorbent Assay (ELISA). A monoclonal antibody specific for sICAM-2 has been coated onto the wells of the microtiter strips provided. The antigen and a biotinylated monoclonal antibody specific for sICAM-2 are simultaneously incubated. Revelation step includes Streptavidin-Horse Radish peroxidase and TMB as chromogen.

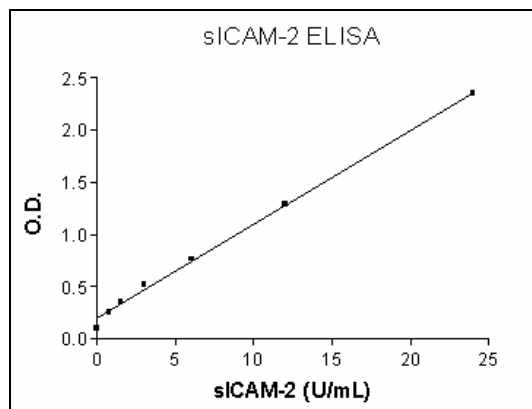
SPECIFICITY No cross reactivity with other molecules

PERFORMANCES

- . **Sensitivity** < 0.2 U/ml
- . **Range** 0.75 to 24 U/ml.
- . **Sample** Serum, Plasma, or cell-culture supernatants
- . **Sample Volume** 100µl
- . **Normal Serum Values** The average concentration of sICAM-2 detected in 80 normal human sera is 220+/-74 U/ml, ranging from 44 to 405 U/ml.
- . **Precision**

Intra-Assay					Inter-Assay				
Sample	n	Mean (U/mL)	SD	CV%	Sample	n	Mean (U/mL)	SD	CV%
A	8	23.62	0.277	1.17	A	33	23.26	0.668	2.87
B	8	2.96	0.086	2.90	B	33	3.12	0.21	6.98

. **Total Procedure length 1h45 mn**



Typical sICAM-2 standard curve ranging from 0.75 to 24 U/ml.



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