Signosis
Innovative Plate Assay Solutions

Rat Oxidative Stress ELISA Strip Protein Standards

Catalog Number EA-1502 **(For Research Use Only)**

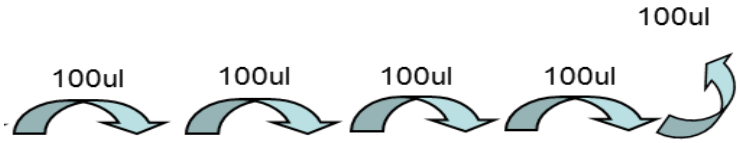
Tube	Protein	Stock Conc.	Volume
#1	Rat TNFα	400ng/ml	10ul
#2	Rat TGFβ	400ng/ml	10ul
#3	Rat MCP-1	400ng/ml	10ul
#4	Rat IL-1α	400ng/ml	10ul
#5	Rat IL-1β	400ng/ml	10ul
#6	Rat IL-6	400ng/ml	10ul
#7	Rat IL-15	400ng/ml	10ul
#8	Rat VEGF	400ng/ml	10ul

Preparation of protein standard dilutions

1. Add 200ul of Diluent buffer the wells of the first strip, and add 100ul of Diluent buffer to the wells of the rest of the strips according to the following table.
2. Add appropriate amount of protein standards to the first strip according to the table 1.
3. Use multi-channel pipette to mix the dilutions and transfer 100ul to the next dilution wells.
4. Repeat the transfer until 5th strip. Trash 100ul from 5th strip after mixing. Do not transfer to the 6th Strip

Note: Substrate incubation time may vary due to different antibodies reactivity. Stronger signals (Strong blue color) could be stopped early after 5 minutes. Weaker signals should be incubated for 10-30 minutes. Always stop protein standards along with samples from the same row at the same time.

Table 1: Dilution of protein standards



Protein	Added to 1st Strip	1st Strip	2nd Strip	3rd Strip	4th Strip	5th Strip	6th Strip
Rat TNFα	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Rat TGFβ	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Rat MCP-1	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Rat IL-1α	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Rat IL-1β	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Rat IL-6	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Rat IL-15	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Rat VEGF	4ul	200ul	100ul	100ul	100ul	100ul	100ul
			1:2	**1:4**	**1:8**	**1:16**	**Blank**

Table 2: Concentrations of Protein Standard Dilutions

Protein		1:2	1:4	1:8	1:16	Blank
Rat TNFα	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Rat TGFβ	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Rat MCP-1	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Rat IL-1α	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Rat IL-1β	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Rat IL-6	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Rat IL-15	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Rat VEGF	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank