



Protein Standards for Human ER Stress ELISA Strip

Catalog Number EA-1142

(For Research Use Only)

<u>Tube</u>	<u>Protein</u>	<u>Stock Conc.</u>	<u>Volume</u>
#1	Human TNFa	400ng/ml	10ul
#2	Human IL-1b	400ng/ml	10ul
#3	Human IFNr	400ng/ml	10ul
#4	Human IL-6	400ng/ml	10ul
#5	Human IGF-1	400ng/ml	10ul
#6	Human MCP-1	400ng/ml	10ul
#7	Human Leptin	400ng/ml	10ul
#8	Human TGFb	400ng/ml	10ul

Preparation of prote in 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 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

Table 1: Dilution of protein standards

<u>Protein</u>	<u>Added to 1st Strip</u>	<u>1st Strip</u>	<u>2nd Strip</u>	<u>3rd Strip</u>	<u>4th Strip</u>	<u>5th Strip</u>	<u>6th Strip</u>
Human TNFa	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Human IL-1b	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Human IFNr	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Human IL-6	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Human IGF-1	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Human MCP-1	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Human Leptin	4ul	200ul	100ul	100ul	100ul	100ul	100ul
Human TGFb	4ul	200ul	100ul	100ul	100ul	100ul	100ul
			1:2	1:4	1:8	1:16	Blank

Table 2: Concentrations of Protein Standard Dilutions

<u>Protein</u>		<u>1:2</u>	<u>1:4</u>	<u>1:8</u>	<u>1:16</u>	<u>Blank</u>
Human TNFa	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human IL-1b	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human IFNr	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human IL-6	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human IGF-1	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human MCP-1	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human Leptin	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human TGFb	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank