

Protein Standards for Human Interleukin ELISA Strip

Catalog Number EA-1312

(For Research Use Only)

Protein Standards

		<u>Stock</u>		
<u>Tube</u>	<u>Protein</u>	Conc.	<u>Volume</u>	
#1	Human IL-1α	200ng/ml	10ul	
#2	Human IL-2	200ng/ml	10ul	
#3	Human IL-4	200ng/ml	10ul	
#4	Human IL-6	200ng/ml	10ul	
#5	Human IL-8	200ng/ml	10ul	
#6	Human IL-10	200ng/ml	10ul	
#7	Human IL-12	200ng/ml	10ul	
#8	Human IL-13	200ng/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 strips according to the following table.
- 2. Add appropriate amount of protein standards to the first strip according to the following table.
- 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

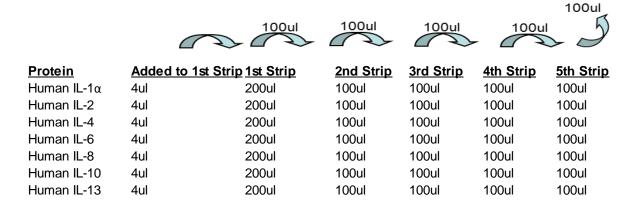


Table 2: Concentrations of Protein Standard Dilutions

<u>Protein</u>		<u>1:2</u>	<u>1:4</u>	<u>1:8</u>	<u>1:16</u>	<u>Blank</u>
Human IL-1α	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank
Human IL-2	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank
Human IL-4	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank
Human IL-6	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank
Human IL-8	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank
Human IL-10	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank
Human IL-12	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank
Human IL-13	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	0.25ng/ml	Blank