

Protein Standards for Human Angiogenesis II ELISA Strip

Catalog Number EA-1042

(For Research Use Only)

100ul

Protein Standards

		Stock	
<u>Tube</u>	<u>Protein</u>	Conc.	<u>Volume</u>
#1	Human PDGF-BB	400ng/ml	10ul
#2	Human PIGF-1	400ng/ml	10ul
#3	Human b-NGF	400ng/ml	10ul
#4	Human SCF	400ng/ml	10ul
#5	Human MCP-1	400ng/ml	10ul
#6	Human MIP-1a	400ng/ml	10ul
#7	Human IL-2	400ng/ml	10ul
#8	Human IL-4	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 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

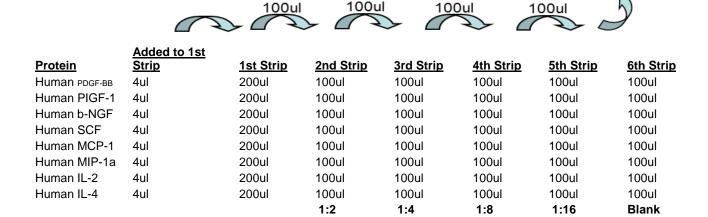


Table 2: Concentrations of Protein Standard Dilutions

<u>Protein</u>		<u>1:2</u>	<u>1:4</u>	<u>1:8</u>	<u>1:16</u>	<u>Blank</u>
Human PDGF-BB	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human PIGF-1	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human b-NGF	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human SCF	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 MIP-1a	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human IL-2	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank
Human IL-4	8ng/ml	4ng/ml	2ng/ml	1ng/ml	0.5ng/ml	Blank