

SNPRC Immunology Core Laboratory

Cost of Luminex Assay (n-plex)

Reagent or material	Company	Price	Size	Unit price	Unit	Units used	Number of cytokines	Cost
Individual cytokine	Various	\$220.00	100	\$2.20	well	8	1	\$ 17.60
Sample dilution buffer	Various	\$120.00	25	\$4.80	well	0.8		\$ 3.84
96-well plate	Immulon	\$27.00	1	\$27.00	plate	2		\$ 54.00
Cytokine Standard	Millipore	\$200.00	1	\$190.00	vial	2		\$ 380.00
Total reagent cost per plate								\$ 455.44

Number of samples calculation

	Duplicates (no = 1, yes = 2)	Value
Samples	n	0
Standards and background control	8	8
Total number of wells		8

10 hs for set-up/running the assay	\$ 55.00	hour	\$ 55.00	10	\$ 550.00
4 hs for analysis/report preparation	\$ 100.00	hour	\$ 100.00	4	\$ 400.00
Personnel time for 1 plate					\$ 950.00

Total direct cost for 1 plate

(up to 88 sample wells in one plate)

\$ 1,405.44

Total direct cost for study

Texas Biomed indirect rate (85%)

\$ 1,405.44

\$ 1,194.62

Total Assay Cost

\$ 2,600.06