

Table SIV. *In vitro* cell stimulations for ELISA (synergistic)

Cell type	Culture conditions	Culture medium	Stimulation medium	Stimulation conditions for ELISA (synergistic)									Super-natant collection and storage	ELISA
				IL-4 0–20 ng/ml			IL-13 0–20 ng/ml			IL-17A 0–20 ng/ml				
				None	OSM 50 ng/ml	LIF 50 ng/ml	IL-31 100 ng/ml	None	OSM 50 ng/ml	LIF 50 ng/ml	IL-31 100 ng/ml	None		
HEK	96-well plates 15,000 cells/well	EpiVita defined medium (#141DGM-500)	Human EpiVita basal medium (#140–500)	24 h									-80°C	MCP-1/ CCL2
HDF	96-well plates 15,000 cells/well	Growth medium (#116–500)	HDF basal medium (#115–500)	24 h										

HEK: human epidermal keratinocytes; HDF: human dermal fibroblasts; OSM: Oncostatin M; LIF: leukemia inhibitory factor; IL: interleukin.