

**Table SIII. *In vitro* cell stimulations for ELISA**

Cell type	Culture conditions	Culture medium	Stimulation medium	Stimulation conditions for ELISA							Supernatant collection and storage	ELISA
				OSM 50 ng/ml	LIF 100 ng/ml	IL-31 100 ng/ml	IL-13 20 ng/ml	TGFβ 5 ng/ml	LPA 5 μM	IL-31 100 ng/ml + OSM 50 ng/ml		
HEK	96-well plates 15,000 cells/well	EpiVita defined medium (#141DGM-500)	Human EpiVita basal medium (#140-500)	6 h							-80°C	MCP-1/CCL2
				24 h								
HDF	96-well plates 15,000 cells/well	Growth medium (#116-500)	HDF basal medium (#115-500)	6 h								
				24 h								

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