



## ***Human Chemokine Sampler Pack***

### ***Catalog #: SMPK7***

<b>Component</b>	<b>Catalog #</b>
Human RANTES	278-RN
Human MCP-1	279-MC
Human Eotaxin	320-EO
Human Eotaxin-2	343-E2
Human Eotaxin-3	346-E3
Human MPIF-1	131-M1

### ***Human Chemokine Sampler Pack for Allergy Research***

Chemokines constitute a large group of low molecular weight (8 - 20 kDa) secreted molecules that were initially recognized to control leukocyte communication and migration. Additionally, chemokines have very diverse roles in hematopoiesis, angiogenesis, oncogenesis, and viral pathogenesis. The identification of specific and promiscuous chemokine receptors on a variety of cell types has further assisted our understanding of this complex network of molecules.

The CC chemokine receptors CCR1, CCR2 and CCR3 are expressed on eosinophils and/or basophils. Upon binding their corresponding ligands MPIF-1, MCP-1, Eotaxin, Eotaxin-2, Eotaxin-3, and RANTES, these receptor-ligand interactions mediate allergic inflammatory responses. The combined use of multiple chemokines in future studies may lead to a better understanding of these chemokine ligand-receptor interactions and may aid in the development of better chemokine-specific diagnostic and therapeutic tools.