



Human Chemokine Sampler Pack

Catalog #: SMPK5

Component	Catalog #
Human IP-10	266-IP
Human I-TAC	672-IT
Human MIG	392-MG
Human 6Ckine	366-6C
Human MIP-3 β	361-MI

Human Chemokine Sampler Pack for Inflammation 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 chemokine receptors CXCR3 and CCR7 are expressed on a variety of immune cell types. Upon binding the CXC chemokines IP-10, I-TAC, and MIG, or the CC chemokines 6Ckine and MIP-3 β , these receptor-ligand interactions mediate lymphocyte trafficking to inflammatory lesions and secondary lymphoid organs to initiate an immune response. 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.