

LEGENDplex™ Human SCF Capture Bead B3, 13X

Catalog# / Size	740604 / 100 tests (270 µL)
Regulatory Status	RUO
Other Names	KITLG, FPH2, FPHH, KL-1, Kitl, MGF, SCF, SF, SHEP7, DCUA, KIT ligand, DFNA69
Description	The LEGENDplex™ Human Hematopoietic Stem Cell Panel Mix and Match Beads are individual capture beads for 12-targets including:

740597 LEGENDplex™ Human IL-6 Capture Bead A4, 13X
740598 LEGENDplex™ Human FLT3L Capture Bead A5, 13X
740599 LEGENDplex™ Human GM-CSF Capture Bead A6, 13X
740601 LEGENDplex™ Human IL-3 Capture Bead A8, 13X
740602 LEGENDplex™ Human IL-34 Capture Bead A10, 13X
740603 LEGENDplex™ Human IL-11 Capture Bead B2, 13X
740604 LEGENDplex™ Human SCF Capture Bead B3, 13X
740605 LEGENDplex™ Human LIF Capture Bead B4, 13X
740606 LEGENDplex™ Human CXCL12 (SDF-1) Capture Bead B5, 13X
740607 LEGENDplex™ Human IL-15 Capture Bead B6, 13X
740608 LEGENDplex™ Human M-CSF Capture Bead B7, 13X
740609 LEGENDplex™ Human IL-7 Capture Bead B9, 13X

Selected items will be used together with:

740619 LEGENDplex™ Human Hematopoietic Stem Cell Panel Standard
740618 LEGENDplex™ Human Hematopoietic Stem Cell Panel Detection Antibodies
740620 LEGENDplex™ Buffer Set H
740377 LEGENDplex™ Filter Plate or 740379 LEGENDplex™ V-bottom Plate

The LEGENDplex™ Human Hematopoietic Stem Cell Panel (12-plex) is a bead-based multiplex assay panel, using fluorescence-encoded beads suitable for use on various flow cytometers. It allows for simultaneous quantification of 12 key targets involved in hematopoietic stem cell differentiation and lineage specific markers including CXCL12 (SDF-1), FLT3L, GM-CSF, IL-11, IL-15, IL-3, IL-34, IL-6, IL-7, LIF, M-CSF, and SCF. This assay panel provides higher detection sensitivity and broader dynamic range than traditional ELISA methods. The panel has been validated for use on cell culture supernatant, serum, and plasma samples.

Product Details

Verified Reactivity	Human
Application	Multiplex Learn more about LEGENDplex™ at biolegend.com/legendplex Download the LEGENDplex™ software here .

Product Citations	1. Silvin A, <i>et al.</i> 2020. Cell. 182:1401. PubMed
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Antigen Details

Biology Area	Angiogenesis, Cell Biology, Immunology, Signal Transduction, Stem Cells
Molecular Family	Cytokines/Chemokines, Growth Factors
Gene ID	4254

Related Protocols

[LEGENDplex™ Laboratory Protocol - Video](#)

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