

## LEGENDplex™ Human CXCL12 (SDF-1) Capture Bead B5, 13X

<b>Catalog# / Size</b>	740606 / 100 tests (270 µL)
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	CXCL12, IRH, PBSF, SCYB12, SDF1, TLSF, TPAR1, C-X-C motif chemokine ligand 12, stromal cell-derived factor 1, SDF-1
<b>Description</b>	<p>The LEGENDplex™ Human Hematopoietic Stem Cell Panel Mix and Match Beads are individual capture beads for 12-targets including:</p> <p>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</p>

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

---

<b>Verified Reactivity</b>	Human
<b>Application</b>	<a href="#">Multiplex</a>
	Learn more about LEGENDplex™ at <a href="http://biolegend.com/legendplex">biolegend.com/legendplex</a>
	Download the <a href="#">LEGENDplex™ software here</a> .

### Antigen Details

---

<b>Biology Area</b>	Apoptosis/Tumor Suppressors/Cell Death, Cell Biology, Immunology, Signal Transduction, Transcription Factors
<b>Molecular Family</b>	Cytokines/Chemokines
<b>Gene ID</b>	<a href="#">6387</a>

### Related Protocols

---

For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.

\*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, [www.biolegend.com/ordering#license](http://www.biolegend.com/ordering#license)). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.

8999 BioLegend Way, San Diego, CA 92121 [www.biolegend.com](http://www.biolegend.com)  
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587