

LEGENDplex™ Mouse HSC Panel Standard

Catalog# / Size	740684 / 1 vial
Regulatory Status	RUO
Other Names	HSC, IL-34, IL-5, M-CSF, TPO, IL-6, GM-CSF, IL-15, TGF-alpha1, IL-3, LIF, SCF, EPO, CXCL12, SDF-1
Description	<p>740684 LEGENDplex™ Mouse HSC Panel Standard can be used together with the following Mix and Match Capture Beads and Mouse HSC Panel Detection Antibodies, and Buffer Set I to offer flexible customization within the panel (13-plex):</p> <p>740686 LEGENDplex™ Mouse IL-34 Capture Bead A4, 13X 740056 LEGENDplex™ Mouse IL-5 Capture Bead A5, 13X 740687 LEGENDplex™ Mouse M-CSF Capture Bead A6, 13X 740688 LEGENDplex™ Mouse TPO Capture Bead A7, 13X 740057 LEGENDplex™ Mouse IL-6 Capture Bead A8, 13X 740689 LEGENDplex™ Mouse GM-CSF Capture Bead A10, 13X 740690 LEGENDplex™ Mouse IL-15 Capture Bead B2, 13X 740692 LEGENDplex™ Mouse TGF-β1 Capture Bead B3, 13X 740691 LEGENDplex™ Mouse IL-3 Capture Bead B4, 13X 740693 LEGENDplex™ Mouse LIF Capture Bead B5, 13X 740694 LEGENDplex™ Mouse SCF Capture Bead B6, 13X 740695 LEGENDplex™ Mouse EPO Capture Bead B7, 13X 740696 LEGENDplex™ Mouse CXCL12 (SDF-1) Capture Bead B9, 13X 740685 LEGENDplex™ Mouse HSC Panel Detection Antibodies 740620 LEGENDplex™ Buffer Set H (Set Up Beads, Buffers, Plate Sealers, Matrix , and SA-PE) 740377 or 740379 Filter Plate or V-bottom Plate</p>

The LEGENDplex™ Mouse HSC Panel (13-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 13 key targets involved in hematopoietic stem cell differentiation and lineage specific markers, including IL-34, IL-5, M-CSF, TPO, IL-6, GM-CSF, IL-15, TGF-β1, IL-3, LIF, SCF, EPO, and CXCL12 (SDF-1). 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	Mouse
Application	Multiplex
	Learn more about LEGENDplex™ at biolegend.com/legendplex
	Download the LEGENDplex™ software here .

Antigen Details

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

Related Protocols

[LEGENDplex™ Laboratory Protocol - Video](#)

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). 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.

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