

## LEGENDplex™ Mouse TGF-β1 Capture Bead B3, 13X

<b>Catalog# / Size</b>	740692 / 100 tests (270 µL)
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	HSC, Transforming Growth Factor, Beta 1, TGFB, TGFB-1, TGFbeta1, TGF-beta 1
<b>Description</b>	<p>These Mouse TGF-β1 Capture Beads are suitable for use with the following Mix and Match reagents:</p> <p><u>Mouse HSC Panel</u> 740685 (LEGENDplex™ Mouse HSC Panel Detection Antibodies) 740684 (LEGENDplex™ Mouse HSC Panel Standard) 741206 (LEGENDplex™ Buffer Set H1)</p> <p>For product manuals for these panels, please visit the Mix and Match tab on the <a href="#">LEGENDplex™</a> page.</p>

### Product Details

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<b>Verified Reactivity</b>	Mouse
<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

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<b>Biology Area</b>	Apoptosis/Tumor Suppressors/Cell Death, Cell Biology, Cell Cycle/DNA Replication, Immunology, Neuroinflammation, Neuroscience
<b>Molecular Family</b>	Cytokines/Chemokines, Growth Factors
<b>Gene ID</b>	<a href="#">21803</a>

### Related Protocols

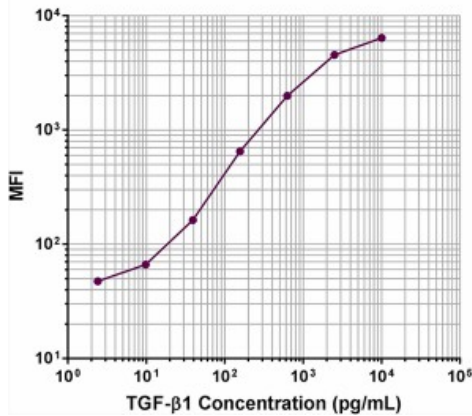
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[LEGENDplex™ Laboratory Protocol - Video](#)

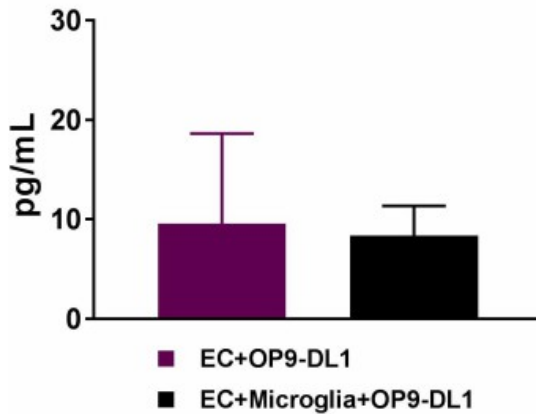
### Product Data

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**LEGENDplex™ Mouse TGF-β1 Capture Bead B3  
Representative Standard Curve**



**TGF-β1**



Data generated using the following LEGENDplex™ Mix & Match Reagents:

- Mouse TGF-β1 Capture Bead B3, 13X (Cat. # 740692)
- Mouse HSC Panel Detection Antibodies (Cat. # 740685)
- Mouse HSC Panel Standard (Cat. # 740684)
- Buffer Set H (Cat. # 740620)

**Note: Data acquired on a BD FACSCalibur™ flow cytometer.**

Murine endothelial (CD31<sup>pos</sup>CD41<sup>neg</sup>CD45<sup>neg</sup>) and microglial cells (CD45<sup>pos</sup>CD11b<sup>pos</sup>F4/80<sup>pos</sup>) were isolated from digested E10.5 embryonic head tissue via FACS. Cells were co-cultured with OP9-DL1 cells for 7 days, and then culture supernatants were quantified using the LEGENDplex™ Mouse HSC Panel.

Results are presented as the mean target concentration + SD (n = 6 embryos). Data were provided courtesy of Dr. Zhuan Li, MRC Centre for Inflammation Research, University of Edinburgh.

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