

## LEGENDplex™ Human PECAM-1 Capture Bead B3, 13X

<b>Catalog# / Size</b>	740707 / 100 tests (270 µL)
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	Platelet And Endothelial Cell Adhesion Molecule 1, CD31 Antigen, EndoCAM, PECAM-1, GPIIA, PECA1, Platelet/Endothelial Cell Adhesion Molecule 1, Platelet Endothelial Cell Adhesion Molecule-1, Platelet Endothelial Cell Adhesion Molecule, CD31/EndoCAM,
<b>Description</b>	<p>The LegendPlex™ Human Angiogenesis Panel 1 V02 Mix and Match Subpanel includes beads for 10 analytes: IL-6, Angiopoietin-1, Angiopoietin-2, EGF, FGF-basic, CXCL8 (IL-8), PECAM-1, PIGF, VEGF, TNF-α. These beads are recommended for use with each other and the following reagent in a Mix and Match Assay:</p> <p>741216 LEGENDplex™ Human Angiogenesis Panel 1 Detection Abs V02 740699 LEGENDplex™ Human Angiogenesis Panel 1 Standard V02 741218 LEGENDplex™ Buffer Set I1 740377 LEGENDplex™ Filter Plate OR 740379 LEGENDplex™ V-bottom Plate</p>

### Product Details

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<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

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<b>Biology Area</b>	Cell Biology, Cell Motility/Cytoskeleton/Structure, Neuroinflammation, Neuroscience, Signal Transduction, Synaptic Biology, Transcription Factors
<b>Molecular Family</b>	Adhesion Molecules, CD Molecules
<b>Gene ID</b>	<a href="#">5175</a>

### Related Protocols

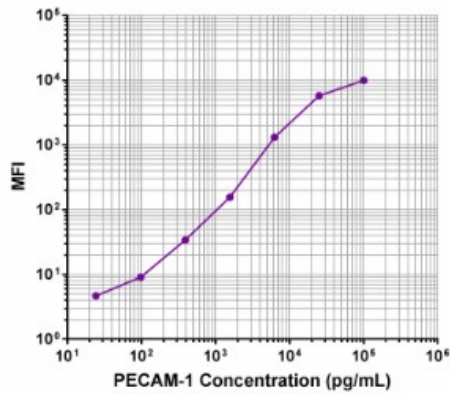
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[LEGENDplex™ Laboratory Protocol - Video](#)

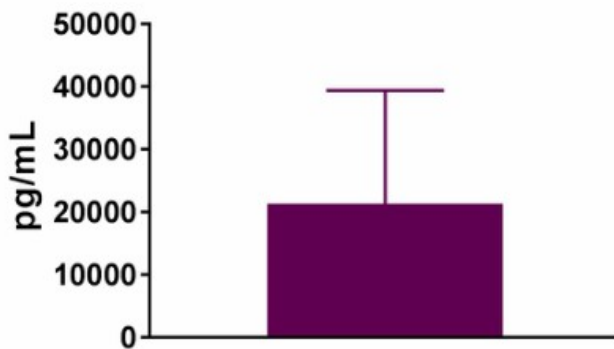
### Product Data

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**LEGENDplex™ Human PECAM-1 Capture Bead B3  
Representative Standard Curve**



**PECAM-1**



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

- Human PECAM-1 Capture Bead B3, 13X (Cat. # 740707)
- Human Angiogenesis Panel 1 Detection Antibodies (Cat. # 740700)
- Human Angiogenesis Panel 1 Standard (Cat. # 740699)
- Buffer Set I (Cat. # 740623)

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

Human plasma samples (n = 80) were quantified using the following  
LEGENDplex™ Mix & Match Reagents:

- Human PECAM-1 Capture Bead B3, 13X (Cat. # 740707)
- Human Angiogenesis Panel 1 Detection Antibodies (Cat. # 740700)
- Human Angiogenesis Panel 1 Standard (Cat. # 740699)
- Buffer Set I (Cat. # 740623)

Data are presented as Mean + SD. Plasma samples were provided courtesy of Professor Huaizhu Wu, Baylor College of Medicine.

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