

# Product Datasheet

## Human PDGF-AB Heterodimer ELISA Kit (Colorimetric) KA0408

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**KA0408****Human PDGF-AB Heterodimer ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

<b>Product Description</b>	
<b>Description</b>	PDGF-AB (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human PDGF-AB.
<b>Gene ID</b>	5154
<b>Gene Symbol</b>	PDGFA
<b>Species</b>	Human
<b>Kit Components</b>	96-well plate precoated with anti- human PDGF-AB antibody, Lyophilized recombinant human PDGF-AB standard, Biotinylated anti- human PDGF-AB antibody, dilution 1:100, Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100, Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	31.2 to 2000 pg/mL
<b>Sensitivity</b>	2 pg/mL
<b>Assay Type</b>	Sandwich ELISA
<b>Suitable Sample Type</b>	Cell Culture Supernatant, Plasma (EDTA, Heparin), Serum
<b>Sample Volume</b>	100 uL

<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification

**Publications**

Collins T, Ginsburg D, Boss JM et al. Cultured human endothelial cells express platelet-derived growth factor B chain: cDNA cloning and structural analysis. Nature. 1985-08-22 [PMID: 4033772]

Kelly JD, Raines EW, Ross R, Murray MJ. The B chain of PDGF alone is sufficient for mitogenesis. EMBO J. 1985-12-16 [PMID: 3004957]

Hermansson M, Nister M, Betsholtz C et al. Endothelial cell hyperplasia in human glioblastoma: coexpression of mRNA for platelet-derived growth factor (PDGF) B chain and PDGF receptor suggests autocrine growth stimulation. Proc Natl Acad Sci U S A. 1988-10-01 [PMID: 2845420]

Bernardi M, Albiero E, Alghisi A et al. Production of human platelet lysate by use of ultrasound for ex vivo expansion of human bone marrow-derived mesenchymal stromal cells. Cytotherapy. 2013-04-24 [PMID: 23623274]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to KA0408**

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236-EG-200	EGF [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]
DVE00	VEGF [HRP]
M6000B-1	IL-6 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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