

# Product Datasheet

## Human FGF-21 ELISA Kit (Colorimetric) KA1849

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/KA1849](http://www.novusbio.com/KA1849)

Updated 12/30/2020 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/KA1849](http://www.novusbio.com/reviews/destination/KA1849)

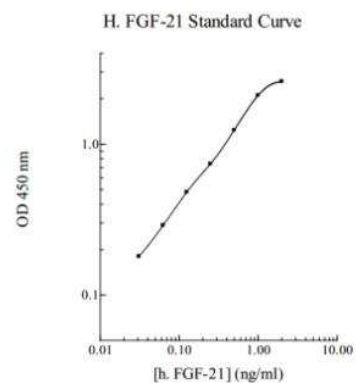


**KA1849****Human FGF-21 ELISA Kit (Colorimetric)**

<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>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	FGF21 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human FGF21.
<b>Gene ID</b>	26291
<b>Gene Symbol</b>	FGF21
<b>Species</b>	Human
<b>Kit Components</b>	Human FGF-21 Microplate: A 96-well polystyrene microplate coated with a polyclonal antibody against human FGF-21., Sealing Tapes: Pressure sensitive sealing tapes that can be cut to fit the format of the individual assay., Biotinylated Human FGF-21 Antibody (50x): A 50-fold concentrated biotinylated polyclonal antibody against human FGF-21., MIX Diluent Concentrate (10x): A 10-fold concentrated buffered protein base., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant., SP Conjugate (100x): A 100-fold concentrate., Chromogen Substrate (1x): A stabilized peroxidase chromogen substrate tetramethylbenzidine., Stop Solution (1x): A 0.5 N hydrochloric acid solution to stop the chromogen substrate reaction.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.031 to 2.00 ng/mL
<b>Sensitivity</b>	22 pg/mL
<b>Inter Assay</b>	CV% < 7.4%
<b>Intra Assay</b>	CV% < 4.8%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	97%
<b>Suitable Sample Type</b>	Cell Culture Samples, Plasma, Serum
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification
<b>Application Notes</b>	Useful for quantification.

## Images

ELISA: FGF-21 ELISA Kit [Biotin] [KA1849] - Standard curve



## Publications

Suzuki M, Lee AY, Vazquez-Medina JP et al. Plasma FGF21 concentrations, adipose fibroblast growth factor receptor-1 and b-klotho expression decrease with fasting in northern elephant seals. *Gen Comp Endocrinol.* 2015-03-24 [PMID: 25857751]





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/KA1849](http://www.novusbio.com/reviews/submit/KA1849)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

