

# Product Datasheet

## Human Gliadin peptide ELISA Kit (Colorimetric) KA1286

Unit Size: 1 Kit

Store at 4C.

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**KA1286****Human Gliadin peptide 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.   |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | Gliadin IgA Ab ELISA Kit is an indirect solid phase enzyme immunoassay for the quantitative measurement of specific IgA antibodies against Gliadin in serum and plasma.  |
| <b>Species</b>                     | Human  |
| <b>Kit Components</b>              | <p>Microtiter strips: Coated with a Gliadin antigen (purified gluten antigen from wheat).</p> <p>Ready-to-use, Calibrator A (Negative Control): Protein solution diluted with PBS, contains no IgA antibodies against Gliadin. Addition of 0.01% methylisothiazolone and 0.01% bromonitrodioxane. Ready-to-use, Calibrator B (Cut-Off Standard): Human serum diluted with PBS, contains a low concentration of IgA antibodies against Gliadin. Addition of 0.01% methylisothiazolone and 0.01% bromonitrodioxane. Ready-to-use, Calibrator C (Weak Positive Control): Human serum diluted with PBS, contains a medium concentration of IgA antibodies against Gliadin. Addition of 0.01% methylisothiazolone and 0.01% bromonitrodioxane. Ready-to-use, Calibrator D (Positive Control): Human serum diluted with PBS, contains a high concentration of IgA antibodies against Gliadin. Addition of 0.01% methylisothiazolone and 0.01% bromonitrodioxane. Ready-to-use, Enzyme Conjugate: Anti-human-IgA-HRP (rabbit), in protein-containing buffer solution. Ready-to-use, Substrate Solution: TMB (tetramethylbenzidine). Ready-to-use., Stop Solution: 1 N acidic solution. Ready-to-use, Sample Diluent: PBS/BSA buffer. Addition of 0.095% sodium azide. Ready-to-use, Washing Buffer (10x): PBS + Tween 20, 10x concentrate. Final concentration: dilute 1+9 with distilled water. If during the cold storage crystals precipitate, the concentrate should be warmed up at 37°C for 15 minutes., Plastic bag: Resealable, for the dry storage of non-used strips.</p> |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.   |
| <b>Inter Assay</b>                 | CV% < 10.10%   |
| <b>Intra Assay</b>                 | CV% < 9.60%  |
| <b>Assay Type</b>                  | Indirect ELISA   |
| <b>Spiking Recovery</b>            | 70-119%  |
| <b>Suitable Sample Type</b>        | Plasma, Serum  |
| <b>Sample Volume</b>               | 100 uL (diluted)   |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | ELISA, Quantification  |
| <b>Recommended Dilutions</b>       | ELISA, Quantification  |

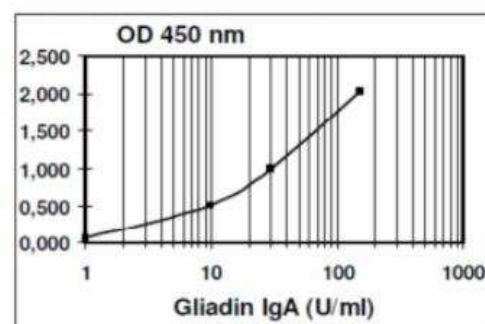


**Application Notes**

Useful for quantification.

**Images**

ELISA: Gliadin peptide ELISA Kit [HRP] [KA1286] - Standard curve





### **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.

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