



DiaMetra
care for quality

A novel panel of kits for autoimmune gastroenteric diseases.

A new synthetic peptide of last generation provides unparalleled specificity, sensitivity and low background to the Gliadine assay.

Quantitative test kits, including ready-to use standard curve.

*The most useful tool for serological diagnosis and follow-up
of celiac disease and dermatitis herpetiformis.*

delicious, but for someone...dangerous

The European Society of Pediatric Gastroenterology and Nutrition (ESPGAN) recommends the use of serological markers such as gliadin and endomysial antibodies to reduce the need of intestinal biopsies to make a diagnosis and to monitor the patients.

Celiac disease is a lifelong autoimmune intestinal disorder, found in individuals who are genetically susceptible. The immunological toxic reaction to the ingestion of gluten damages the mucosal surface of the small intestine and interferes with the absorption of nutrients.

Celiac disease affects about 1% of Indo-European populations, although significantly underestimated.

Serology by serum test is useful both in diagnosing celiac disease (high sensitivity of about 98%) and in excluding it (high specificity of over 95%).

Blood antibody tests for celiac disease^[23]		
Test	sensitivity	specificity
Anti-gliadin IgA	50%	98%
Anti-gliadin IgG	25%	98%
Anti-endomysium	81%	99%

*From: Accuracy of Serologic Tests and HLA-DQ Typing for Diagnosing Celiac Disease
Hadithi et al. Ann Intern Med.2007; 147: 294-302*

IgA or IgG antibodies to tTG and gliadin are the clinically most relevant antibodies in the diagnosis of celiac disease.

In addition serum levels of the autoantibody for celiac disease represent a reliable indicator of patient adherence to a gluten-free diet.

The same easy-to-use protocol for the whole panel makes these tests suitable to be performed simultaneously. 30 minutes + 30 minutes + 15 minutes, Room temperature incubation

Products:

Code	Description	Tests
DKO106	Anti-gliadin IgG	Breakable 96 well microplate
DKO107	Anti-gliadin IgA	Breakable 96 well microplate
DKO108	Anti-transglutaminase IgG	Breakable 96 well microplate
DKO109	Anti-transglutaminase IgA	Breakable 96 well microplate

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