

## Celiac Screening – Testing Principles & Test Items

Celiac Screening aims at measuring immune system response to tissue transglutaminase (tTG) and deamidated gliadin peptide (DGP), thereby, to find out the influence of gliadin-containing foods in body.

Research studies have shown that the combination of tTG and DGP can detect nearly all biopsy proven celiac patients. These test items are suggested by studies as routine tests for celiac diseases.

The test requires 5ml of blood (1ml serum) only, take 2-3 weeks to get the report ready. It is a very convenient and much less invasive reduce the discomfort and lesions compared to upper endoscopy and intestinal biopsy.

### Reliable Technology that We Trust, Duplicate Runs for Ultimate Precision

- Each sample will be test in duplicate as quality assurance
- Chemiluminescent immunoassay (CIA) platform provides superior sensitivity and specificity for celiac detection
- Research studies have shown that the combination of tTG and DGP via CIA can detect nearly all biopsy proven celiac patients
- CIA significantly increases the analytical measuring range, allowing the practitioner to monitor gluten-free diet compliance

### Test Items

ANTIGENS	ANTIBODIES
Tissue transglutaminase (tTG)	IgA-tTG IgG-tTG
Deamidated gliadin peptide (DGP)	IgA-DGP IgG-DGP

Source and lab test service provider: HK Biotek

### Enquiry

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