



Test Definition: TSTGP

Tissue Transglutaminase Antibodies, IgA and IgG Profile, Serum

Reporting Title: Tissue Transglutaminase Ab, IgA/IgG

Performing Location: Mayo Clinic Jacksonville Clinical Lab

Ordering Guidance:

Cascade testing is recommended for celiac disease. Cascade testing ensures that testing proceeds in an algorithmic fashion. The following cascades are available; select the appropriate one for your specific patient situation.

- CDCOM / Celiac Disease Comprehensive Cascade, Serum and Whole Blood: complete testing including HLA DQ
- CDSP / Celiac Disease Serology Cascade, Serum: complete serology testing excluding HLA DQ
- CDGF / Celiac Disease Gluten-Free Cascade, Serum and Whole Blood: for patients already adhering to a gluten-free diet

To order individual tests, see [Celiac Disease Diagnostic Testing Algorithm](#)

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Forms:

If not ordering electronically, complete, print, and send a [Gastroenterology and Hepatology Test Request](#) (T728) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	21 days	
	Frozen	21 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
TTGA	Tissue Transglutaminase Ab, IgA, S	Numeric	U/mL	46128-5
TTGG	Tissue Transglutaminase Ab, IgG, S	Numeric	U/mL	56537-4

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
---------	----------------	-----------	----------	------------------	----------------------

TTGA	Tissue Transglutaminase Ab, IgA, S	1	86364	Yes	Yes
TTGG	Tissue Transglutaminase Ab, IgG, S	1	86364	Yes	Yes

CPT Code Information:

86364 x 2

Reference Values:

TISSUE TRANSGLUTAMINASE ANTIBODY, IGA

<4.0 U/mL (negative)

4.0-10.0 U/mL (weak positive)

>10.0 U/mL (positive)

Reference values apply to all ages.

TISSUE TRANSGLUTAMINASE ANTIBODY, IGG

<6.0 U/mL (negative)

6.0-9.0 U/mL (weak positive)

>9.0 U/mL (positive)

Reference values apply to all ages.