

Product number **T148**
Revision number **RN2.0**

Product Name	Biotinylated human Open tTG™
Synonym	Tissue-type Transglutaminase, TG2, TGase 2, proteinglutamine-γ-glutamyltransferase
Source	Recombinant produced in insect cells
Quantity	50 µg, 250 µg
Molecular Weight	79 kDa (Val224-allele, Kanchan et al., Biochem. J. 2013, 455:261–72)
Application	Open tTG™ may be used for immunoprecipitation and detection of autoantibodies in body fluid samples from patients suffering from autoimmune diseases like psoriasis or gluten sensitive enteropathy. For coating of micro titer plates the addition of 10 mM Ca ²⁺ is recommended.
Appearance	Liquid.
Reagents	The Transglutaminase is formulated in 10 mM Sodium Phosphate pH 8.0, 15 mM NaCl. Sample contains 50% glycerol.
Purity	> 95 % (visually by SDS-PAGE)
Storage	Store working aliquots at ≤ - 20°C. Avoid repeated freezing and thawing.
Related products	T106 Biotinylated human tissue transglutaminase (rec. prod. in <i>E. Coli</i>) T002 Human tissue transglutaminase (hTG2, recombinantly produced in <i>E. coli</i>) A033 Monoclonal antibody to tissue transglutaminase (TG2, Core Domain) A102 TG2-Assay Substance, Abz-APE(CAD-DNP)QEA-OH F002 Tissue Transglutaminase Assay Kit
Release date	29 December 2021
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.