

Product number **T150**  
Revision number **RN2.0**

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<b>Product Name</b>	Biotinylated mouse open TG2
<b>Synonym</b>	Tissue-type transglutaminase, TG2, TGase 2, proteinglutamine- $\gamma$ -glutamyltransferase
<b>Source</b>	Recombinant produced in <i>E.coli</i>
<b>Quantity</b>	50 $\mu$ g, 250 $\mu$ g
<b>Molecular Weight</b>	77 kDa
<b>Application</b>	Open tTG <sup>TM</sup> 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 microtiter plates, addition of 10 mM Ca <sup>2+</sup> is recommended.
<b>Appearance</b>	Liquid
<b>Reagents</b>	The transglutaminase is stored in 10 mM sodium phosphate pH 8.0, 15 mM NaCl. Sample contains 50% glycerol.
<b>Purity</b>	> 95 % (visually by SDS-PAGE)
<b>Storage</b>	Store working aliquots at $\leq -20^{\circ}\text{C}$ . Avoid repeated freezing and thawing.
<b>Related products</b>	T102 mouse open tissue transglutaminase (rec. prod. in <i>E. coli</i> ) T040 mouse tissue transglutaminase (mTG2, rec. prod. 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
<b>Release date</b>	30 December 2021
<b>NOTE</b>	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.