

Product number **M001**  
Revision number **RN1.0**

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<b>Product Name</b>	MTG-ANiTA-KIT
<b>Quantity</b>	1 Kit
<b>Description</b>	The MTG-ANiTA-KIT uses $\beta$ -Casein as high molecular weight substrate. Transglutaminase catalyzes the formation of isopeptide bonds between protein-bound glutamine and lysine releasing one ammonium molecule per isopeptide bond formed. In the indicator reaction the amount of released ammonium produced by transglutaminase is monitored in a glutamate dehydrogenase (GLDH) catalysed NADPH-dependent reaction. The consumption of NADPH is measured spectrophotometrically by the decrease of absorbance at 340 nm.
<b>Reagents</b>	BD-BUFFER, 2 vials [GLDH, ADP, $\alpha$ -KETOGLUTARATE]-MIX, 2 vials NADPH (AD-REAGENT), 2 vials $\beta$ -Casein (TR-BUFFER), 2 vials MTG-BLOCKER (INHIBITOR REAGENT), 2 vials
<b>Storage</b>	Store at 2-8 °C.
<b>Stability</b>	MTG-ANiTA-KIT should be stored at 4 – 8°C. The unopened reagents are stable until the expiration date printed on the box.
<b>Shipping</b>	Delivery at ambient temperature is possible.
<b>Related products</b>	Z009 ZediXclusive Microbial Transglutaminase Assay Kit T036 Transglutaminase Assay Kit ("DCC"), fluorescent T250 Andracon® – Recombinant Microbial Transglutaminase (HEPES-formulated, (frozen) liquid) T300 Andracon® – Recombinant Microbial Transglutaminase (HEPES-formulated, lyophilized)
<b>Release date</b>	03 September 2025
<b>NOTE</b>	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.

**Manual available on our website:** <https://zedira.com/>

