

Product number **F015**  
Revision number **RN1.0**

<b>Product Name</b>	ZediXcite 330/418 Fluorogenic MTG-Assay Kit		
<b>Quantity</b>	1 Kit		
<b>Description</b>	Isopeptidase-activity based ready to use kit for fluorescent measurement of Microbial Transglutaminase (MTG or synonymous BTG for Bacterial Translutaminase). MTG cleaves a dark quenching molecule (2,4-dinitrophenyl) from the side chain of a modified peptide incorporating glycine methyl ester. Subsequently, the fluorescence of an N-terminal coupled fluorophore (2-amino benzoic acid, 2-Abz) increases and can be monitored online (excitation wavelength 313-330 nm; emission wavelength 418 nm). The assay is suitable for research purposes, drug discovery programs, and quality assurance		
<b>Reagents</b>	2x Substrate Reagent ( <b>SR</b> )	A167/SR	Yellow DMSO solution
	2x Buffer Reagent ( <b>BR</b> )		White lyophilized solid
	1 x Dilution Buffer ( <b>DB</b> )		White lyophilized solid
<b>Storage</b>	Store at 2-8 °C.		
<b>Stability</b>	In their original packing box, when stored at 2-8 °C, the unopened reagents are stable at least until the retest date printed on the box.		
<b>Shipping</b>	Delivery at ambient temperature is possible.		
<b>Related products</b>	T300 MTG Reference (Andracon™, recombinantly produced in <i>E.coli</i> ) T250 MTG Reference (Andracon™, recombinantly produced in <i>E.coli</i> ) A168 ABZ-Peptide Calibrator,(reaction product formed for calibration purposes). C102 (MTG-inhibitor)		
<b>Release date</b>	28 August 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>

