

Product Data Sheet



Product number **F014**
Revision number **RN1.0**

Product Name	ZediXcite 330/418 Fluorogenic TG2-Assay Kit		
Quantity	1 Kit		
Description	<p>Isopeptidase-activity based ready to use kit for fluorescent measurement optimized for tissue transglutaminase (TG2, transglutaminase 2). TG2 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.</p>		
Reagents	2x A163/SR	Substrate Reagent (SR)	Yellow DMSO solution
	2x B146/BR	Buffer Reagent (BR)	White lyophilized solid
	1x D146/DB	Dilution Buffer (DB)	White lyophilized solid
Storage	Store at 2-8 °C.		
Stability	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.		
Shipping	Delivery at ambient temperature is possible.		
Related products	<p>T022 hTG2 Reference (Human tissue transglutaminase, rec. produced in insect cells) T040 mTG2 Reference (Mouse tissue transglutaminase, recombinantly produced in <i>E.coli</i>) T038 rTG2 Reference (Rat tissue transglutaminase, recombinantly produced in <i>E.coli</i>) A168 ABZ-Peptide-Calibrator (reaction product formed for calibration purposes) Z006 "Z-DON", TG2-inhibitor</p>		
Release date	28 August 2025		
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.		

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

