

Product Data Sheet



Product number **F016**
Revision number **RN1.0**

Product Name	ZediXcite 360/460 Fluorogenic TG2-Assay Kit		
Quantity	1 Kit		
Description	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 360 nm; emission wavelength 460 nm). The assay is suitable for research purposes, drug discovery programs, and quality assurance.		
Reagents	2x A170/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	T022 hTG2 Reference, Human tissue transglutaminase 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>) A171 N-Me-Abz-Peptide Calibrator (reaction product formed for calibration purposes) Z006 "Z-DON", TG2-inhibitor		
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>

