

Product Data Sheet



Product number **Z009**
Revision number **RN1.0**

Product Name	ZediXclusive Microbial Transglutaminase Assay Kit		
Synonym	Hydroxamate Assay		
Quantity	1 Kit		
Description	Chromogenic Assay for measurement of microbial transglutaminase activity. The Microbial Transglutaminase Assay Kit uses Z-Gln-Gly as the amine acceptor substrate and hydroxylamine as amine donor. In the presence of MTG hydroxylamine is incorporated into Z-Gln-Gly to form Z-glutamyl-hydroxamate-glycine which develops a colored complex with iron (III) detectable at 525 nm.		
Reagents	3x	Activity Reagen (A1)	White lyophilized solid
	3x	Activity Reagen (A2)	White lyophilized solid
	3x	Stop Reagent (S)	Yellow liquid
	3x	Microbial Transglutaminase (P1)	White lyophilized solid
Storage	Store A1, A2 and S at 4-8 °C. P1 must be stored at ≤ -20°C.		
Stability	When stored as indicated, the unopened reagents are at least stable until the retest date printed on the box.		
Shipping	Delivery at ambient temperature is possible.		
References	Grossowicz et al., J. Biol. Chem. 1950, 187:111-125 Rickert et al., Protein Science 2016, 25:442-455 (DOI: 10.1002/pro.2833)		
Related products	T250 Andracon® – Recombinant Microbial Transglutaminase (HEPES-formulated, (frozen) liquid) T300 Andracon® – Recombinant Microbial Transglutaminase (HEPES-formulated, lyophilized)		
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/>

