

Isopeptidase assay for analysis of transglutaminase activity!



transglutaminase newsletter 2-2013

The group of Prof. Daniel Aeschlimann at Cardiff University published a BMG Labtech Application Note based on our proprietary real-time fluorescence assay substrate [A102](#).

Adamczyk *et. al* summarized their findings ([Application Note](#)) as followed:

- *Robust measurement of transglutaminase activity under various conditions with high sensitivity and over an extended concentration range*
- *Kinetic parameters can be derived directly from reaction rates measured using appropriate models*
- *Optimized protocols for FLUOstar OPTIMA as well as FLUOstar Omega allow for rapid implementation and standardization of measurements across laboratories*
- *Assay is amenable to high throughput analysis of regulators/inhibitors of catalysis*

Beside the substrates for TG2 ([A102](#), also appropriate for TG3 and TG6) and FXIII ([A101](#)) Zedira provides ready to use kits:

Art. No.	Name	Quantity	Price
F001	FXIII-Assay Kit (Based on substrate A101)	1 Kit	549 €
F002	Tissue Transglutaminase Assay Kit (Based on substrate A102)	1 Kit	495 €

Meet Zedira at the **Congress of the International Society on Thrombosis and Haemostasis (ISTH)** from 29th of June till 4th of July 2013 in Amsterdam, The Netherlands. Just [contact](#) us to make an appointment.



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Should you have any questions or queries about our products, please do not hesitate to contact us: contact@zedira.com.

We are constantly enlarging our product portfolio in order to fulfill researchers' requirements in the field of transglutaminase.

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In case that you know potential new interested colleagues, please forward this e-mail.

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