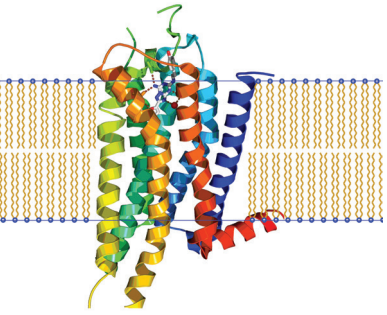
THE WAVE OF THE FUTURE IN KINETICS

creoptix sensors

Creoptix WAVEdelta makes the Difference

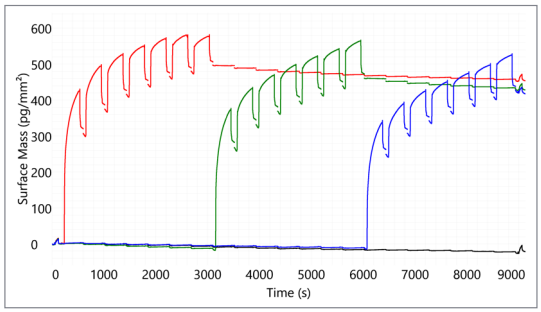
Now with four parallel flow channels

Based on the unparalleled sensitivity, the crude sample robustness and the fast transition capability of the Creoptix WAVE system, we have built the Creoptix WAVEdelta. With 4 parallel flow cells, an increased temperature range and even more features the WAVEdelta further increases flexibility in your experimental design and speeds up your assay development.

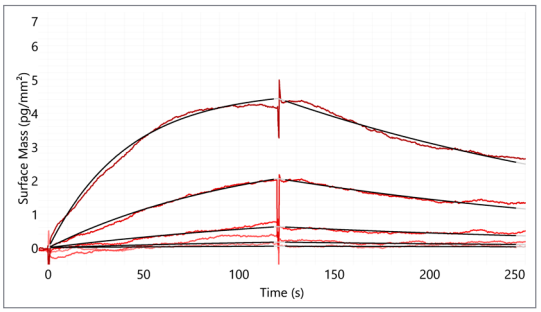


High Sensitivity and Crude Sample Robustness Enabling Membrane Protein Kinetics on intact Membranes

Creoptix WAVEdelta combines highest sensitivity with crude sample robustness enabling immobilization of crude membranes and studying intact membrane protein kinetics.

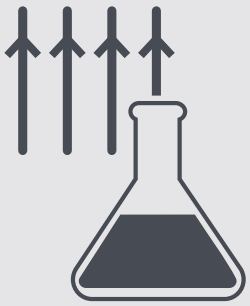


Membrane immobilization on three flow channels



Nanobody binding to GPCR in intact membrane

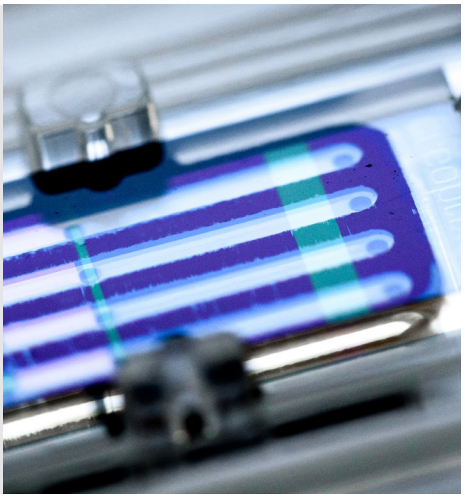
Creoptix WAVEdelta – For your Ride on the Kinetics WAVE

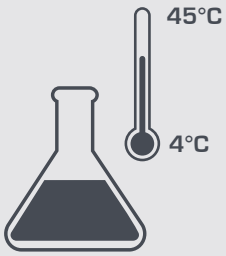


Four Parallel Flow Cells

Perfect referencing even when it has to be quick

The Creoptix WAVEdelta's four parallel flow channels can be addressed individually. Referencing between any of the flow channels provides full flexibility in assay design. The parallel flow channel layout and Creoptix' patented sample preparation enable accurate determination of very fast transitions that normally get lost.





Powerful Temperature Control

Extended range and fast adjustments

Powerful Pelltier elements allow an ex-tended temperature range starting as low as 4°C to as high as 45°C with temperature adjustments typically within 30'.

More Running Buffers

Faster Assay Development

Four running buffers can be connected to the system at the same time speeding up assay development and providing full flexibility in assay design.

Built-in Degasser

Keeps the air outside

The Creoptix WAVEdelta now comes with a built-in degasser to avoid air bubbles entering the system without the need of off-line degassing the running buffer.

General Specifications	
Flow Channels	4, parallel
Noise (RMS)	< 0.01 pg/mm^2 @ 1 Hz
Acquisition Rate	1, 10 or 40 Hz
Analysis Temp. Range	4–45°C
Running Buffers	4

Built-In Degasser	Yes
Crude Sample Robustness	Yes
Off-Rates	up to 5/s
Maximum Flow Rate	400 µl/min
Autosampler	Cooled, max 2 x 384 samples

For more details or to request a free on-site demo, please visit creoptix.com or get in touch using the contact information below.

Where will the WAVE take you?

creoptix sensors

Creoptix AG, Einsiedlerstrasse 34, CH-8820 Wädenswil, Switzerland
US Address: Creoptix Inc., 100 Franklin St Fl7, Boston, MA 02110, USA
www.creoptix.com | info@creoptix.com | +41 44 533 26 60 | US: (508) 975 1650