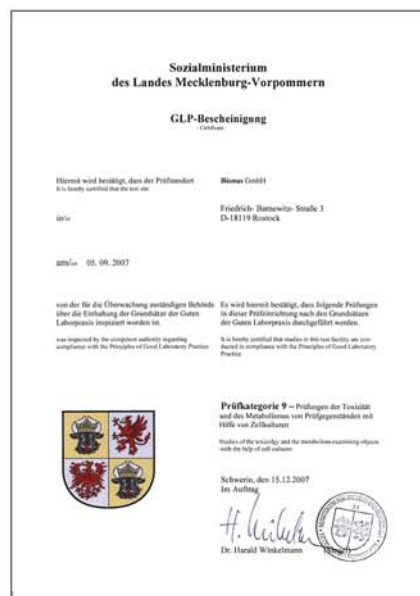


About Bionas GmbH:

Bionas GmbH is provider of versatile instruments and services for real-time and label-free cell assays:

- the **Bionas Discovery™ analyzing system** - analysis of bioenergetics (glycolysis, mitochondrial respiration) and cell impedance/adhesion
- the **Bionas Discovery™ adcon reader** – analysis of cell impedance/adhesion in multi-well format.

The Bionas laboratory is GLP certified and label-free assay service is on offer to our customers!



For enquiries please contact:

Worldwide:

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<http://www.bionas-discovery.com>
info@bionas-discovery.com

Phone: +49 381 5196 442
Fax: +49 381 5196 246

Or contact our local Distributor!

Germany & Austria:

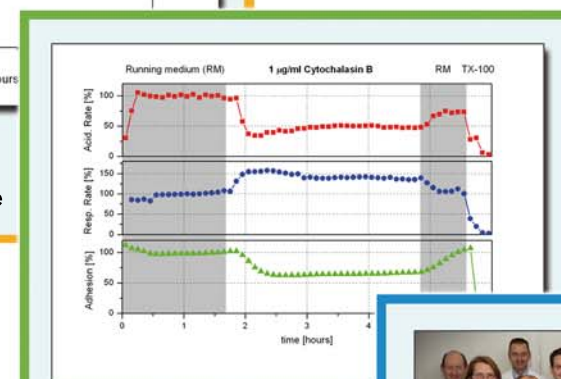
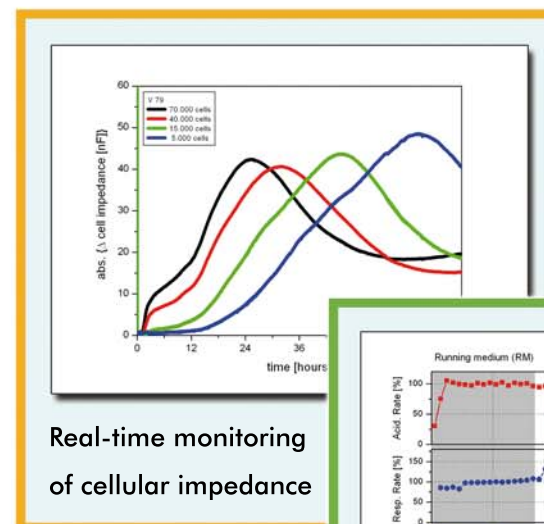
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Bionas-Discovery.com

Real-time, label-free cell-based assays



GLP laboratory service

Bionas Discovery™ adcon reader

impedance-based, real-time cellular analysis

single
parameter

The **Bionas Discovery™ adcon reader** is a versatile system for real-time, label-free cellular analysis and provides information about:

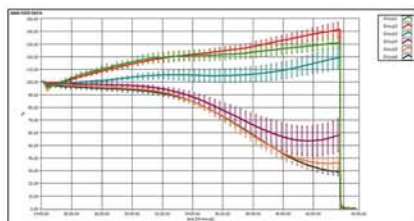
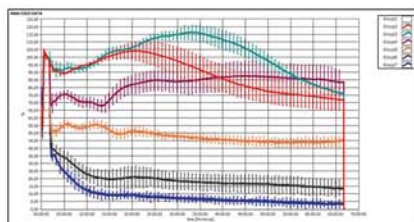
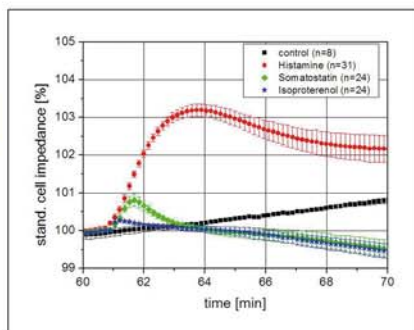
- cell viability
- morphology
- adhesion/confluence
- proliferation
- membrane integrity

for applications in:

- compound mediated toxicology
- chemosensitivity & radiosensitivity of cells
- receptor signalling (GPCR assays) and drug profiling
- cell culture optimization

key features:

- label-free & real-time
- continuous measurement from seconds up to days
- overcomes limitations of end point analysis
- 96 well format
- simple handling
- IC 50 / dynamic IC 50 values



Bionas Discovery™ 2500 system

real-time analysis of cellular bioenergetics and impedance

multi
parameter

The **Bionas Discovery™ 2500 system** enables the label-free, real-time analysis of:

- bioenergetics, i.e.
 - glycolytic activity
 - mitochondrial respiration/O₂-consumption
- cellular impedance/adhesion

for applications in:

- toxicology: action of substances and their cytotoxic effects
- oncology: chemosensitivity of cancer cells, influence of hypoxia
- cancer metabolism: Warburg Effect
- mitochondrial research
- drug profiling and cell culture optimization

key features:

- label-free & real-time monitoring
- short & long-term measurement
- repeated drug exposure and complete drug withdrawal to detect **regeneration** and **adaptation effects**
- dynamic IC 50 value for three parameters
- fully automated

