

TATAA Germany Newsletter 20130619



tataabiocenter

TATAA Germany: High-Throughput Analysis Service Offers

TATAA Biocenter is meeting the challenges of today's high-throughput research environment by offering exceptionally cost efficient high-throughput analysis services on the:

- **BioMark™ System from Fluidigm**
- **QuantStudio™ 12K Flex OpenArray® Platform from Life Technologies**
- **3D-Gene™ from Toray Industries**

» For further information and support contact our local project manager: [Dr. Martina Reiter](#)

BioMark™

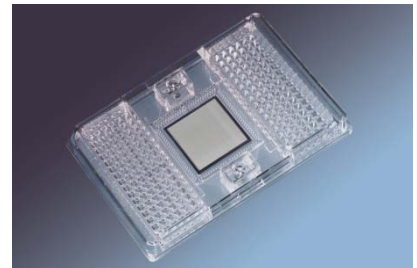
Discover the system that provides the sensitivity and throughput required to study gene expression down to the single cell level

The BioMark system is a high-throughput qPCR instrument that uses integrated fluidic circuits known as dynamic arrays. The dynamic arrays run 96 samples and 96 arrays on one chip, which is equal to 9216 simultaneous qPCR reactions.

» Use as little as 10 picograms of starting material – do more with less!

Applications:

- Gene expression: Marker validation, Single cell gene expression
- Digital PCR: Validation of standards, Rare mutation detection, Copy number variation
- Genotyping: SNP association



Protein profiling service offer

Only 75 EUR per sample!

[Click here to see the detailed offer](#)

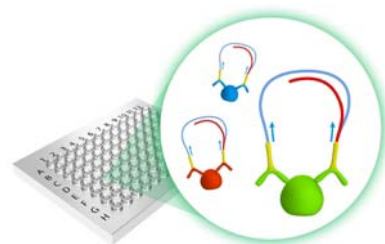


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*Price offer only for Academics when analyzing 92 samples simultaneously. The price offer is valid for order confirmations until 1 October 2013. For smaller batch sizes there might be a waiting period. Basic data analysis is included.

QuantStudio™ 12K Flex OpenArray®

Process hundreds to thousands of samples per day with minimal hands-on time

The QuantStudio™ 12K Flex OpenArray® system is a qPCR instrument which provides speed, high throughput and is at the same time cost efficient.

QuantStudio™ 12K Flex OpenArray® Plates consist of 3072 through-holes that can be loaded with reagents to perform individual 33 nL qPCR reactions. Increase your throughput by as much as 32-fold by running 4 OpenArray® plates in a single run on the QuantStudio™ 12K Flex system. It's the equivalent of 32 traditional 384-well qPCR plates or 12,000 data points.

Applications:

- Gene Expression
- Digital PCR
- miRNA profiling
- Genotyping

The system is flexible and you choose between using your own assays, TaqMan® assays for gene expression and genotyping or use the pre-designed MicroRNA Panels

TATAA Biocenter performs your SNP genotyping*

Price example

» 0,17 EUR / SNP - 4000 samples and 64 SNPs/sample

» 0,19 EUR /SNP - 3840 samples and 32 SNPs/sample



*Customer provides minimum 2.5 µl sample of extracted DNA with a concentration of 50 ng/µl. Offer valid only in Germany until October 1, 2013.

3D-Gene™

A new dimension in miRNA microarray sensitivity and reproducibility – ideal for tough samples

TATAA Biocenter offers microarray analysis of miRNA on a novel microarray technology using the 3D-Gene™ from Toray Industries.

3D-Gene™ ensures a 100-fold increase in sensitivity and is ideal for challenging samples and low abundance targets, it is thus ideal for analyses of formalin fixed paraffin embedded (FFPE) tissue samples. This innovative technology also makes it possible to measure genes expressed at very low levels that might be undetected by other array platforms on the market.

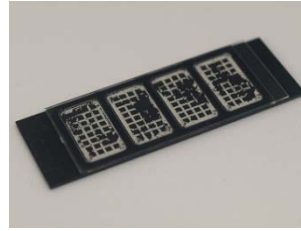
3D-Gene™ Human miRNA chips are constructed using the latest information available from the Wellcome Trust Sanger institute / University of Manchester miRNA database (miRBase)

TATAA Biocenter performs your miRNA analysis*

Price example miRNA analysis - Human, Mouse or Rat

» 335 EUR/sample - 20 samples

**Customer provides 250 ng total RNA per sample. Offer valid only in Germany until October 1, 2013.*



Meet TATAA IN GERMANY

Take the opportunity to talk to us!

Congress of European Microbiologists (FEMS 2013)

Place: Leipzig, Germany

Date: 21th - 25th of July 2013

» [Go to FEMS 3013](#)

Latest News - Read all on our website

New TATAA contact in Germany

Dr. Martina Reiter joined the tataa team and will introduce and support our services, products and courses in Germany.

Please feel free to contact her:

germany@tataa.com

Mobile: +49-176-23799582

• Join TATAA partner Exiqon´s webinar on "microRNA qPCR: from experimental design to data analysis"

• See "World of ePmotion" filmed at TATAA Prague at the BTU

• TATAA SPIDIA collaborator Francesca Malentacchi awarded best poster at EURO MEDLAB 2013

• TATAA collaborator Daniel Andersson defends his PhD thesis "The role of astrocytes in stroke, brain plasticity and neurogenesis"

• Video presentation "Single Cell Expression Profiling" by Mikael Kubista

• TATAA Biocenter Expands Offerings using AATI's Fragment Analyzer™ to assess RNA quality in gene expression analysis

• Guide for microRNA expression analysis by Exiqon

• Offer - Next Generation High-Throughput Protein Profiling

• MIQE qPCR Guidelines, Three Years Later

• Read about MIQE and qPCR quality concerns in Nature Methods

LET US HELP YOU WITH YOUR NUCLEIC ACID ANALYSIS!

FIND HIGH QUALITY PRODUCTS FOR YOUR QPCR WORK IN OUR [WEBSHOP](#)

TO GET EXPERT ADVICE AND CONSULTATION, YOU ARE WELCOME TO USE OUR [COMMISSIONED SERVICES](#)

GET MORE KNOWLEDGE AND HELP YOURSELF THROUGH OUR [HANDS-ON COURSES](#)



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