



Contract Analysis Service

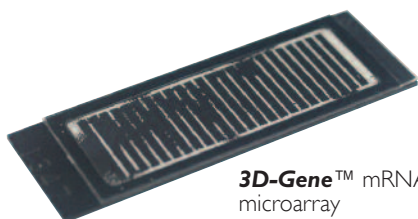


Access the new dimension in microarray sensitivity without capital investment

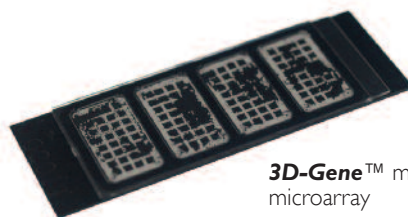
TATAA Biocenter - Europe's leading provider of nucleic acid analyses services - offers a highly reliable, accurate and flexible contract service using Toray's exceedingly sensitive **3D-Gene™** microarray technology as part of its range of commissioned services and research projects, customized to your needs.

We care for your samples, so you can focus on your results

TATAA Biocenter's **3D-Gene™** Microarray Contract Analysis Service allows you to take advantage of the next dimension in gene expression profiling technology, without the need for investment in expensive instruments and training.



3D-Gene™ mRNA
microarray



3D-Gene™ miRNA
microarray

Flexible services offered using **3D-Gene™** Technology

- One or two colour mRNA analysis of Human, Mouse, Rat and Yeast samples
- One colour miRNA analysis on Human, Mouse and Rat samples
- Data analysis and data mining with user friendly professional software



tataabiocenter

Contact us now

For quotes: Email: services@tataa.com

For sample submission and technical advice:

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TATAA Biocenter AB is certified to the following international standard: ISO/IEC 17025:2005

TORAY

Innovation by Chemistry

Contract Analysis Service



Access the new dimension in microarray sensitivity without capital investment



Up to 100-fold increase in sensitivity. Ideal for challenging samples

3D-Gene™ DNA chips utilise patented resin and differential morphology to reduce background noise, and microbead agitation technology to facilitate hybridisation, providing greater sensitivity and reproducibility than traditional microarrays.

Novel black substrate

Black resin slide minimises background fluorescence, maximising signal-to-noise ratio

Unique 3D microcolumn structure

Raised microcolumns precisely define each spot to 100 µm in diameter for increased accuracy

Uniform probe immobilisation

Proprietary chemistry enables homogeneous distribution of probes on each microcolumn across the whole microarray, enhancing reproducibility

Innovative microbead agitation

Samples are mixed on-chip by agitation of encapsulated microbeads for more efficient hybridisation and reduced variability

3D-Gene™ chips are available for the analysis of human, mouse, rat or yeast messenger RNA (mRNA) and also human, mouse and rat micro RNA (miRNA). The chips can be used in one or two colour formats.

mRNA **3D-Gene™** chips:

- Human Oligo chip 25k
- Mouse Oligo chip 24k
- Rat Oligo chip 20k
- Yeast Oligo chip *S.cerevisiae* 6k

miRNA **3D-Gene™** chips:

- Human miRNA Oligo chip
- Mouse miRNA Oligo chip
- Rat miRNA Oligo chip



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