

IKDT Innovative Diagnostics

Your Partner in Molecular Research

microRNA and Gene Profiling

- Quantification of Gene Expression by QPCR and Micro-Fluidic-Cards
- microRNA Profiling by QPCR and Micro-Fluidic-Cards (754-1500 microRNAs)
- Multiplexing of Gene and MicroRNA Expression (*without amplification*)
- In Various Samples (*Cells, Tissue, Blood, Serum, Plasma, Liquor, Urine*)
- For different species (*Human, Mouse, Rat, C. elegans a.s.o.*)
- SNP Genotyping by QPCR and Micro-Fluidic-Cards or OpenArrays
- Bioinformatics

Cytokine Profiling and Phosphoproteins

- Cytokine Profiling by Multiplex-ELISA (upto 50 Cytokines)
- Multiplex Measurement of Phosphorylated Proteins
- In Various Samples (Cell Culture, Tissues, Serum, Plasma)
- For Different Species (Human, Mouse, Rat.)
- Various Suppliers

➔ **Accredited by College of American Pathologists (CAP) since 2003**

➔ **Base for efficient and disease-directed therapies**



Diagnostics of Mitochondrial Disorders

- Screening for Mutations on Mitochondrial DNA via QPCR and Sequencing
- Cardiomyopathy, Inherited Hypertrophic Cardiomyopathy, Deafness, Diabetes mellitus, Encephalomyopathy, Leigh Syndrome, MERFF, MELAS, LHON, Rett Syndrome, Mitochondrial Myopathy and Cytopathy, CPEO
- Common Deletion and tRNA Mutations, Mitochondrial Gene Expression

Stem Cell and Transplantation Research

- Multiplex-ELISA for Homing Factors
- Pluripotency Marker in iPSCs by GeXP technology
- Sample Identification and Purity Testing by STR
- Chromosomally integrated HHV6 in stem cells and solid organ

Further informations: www.ikdt.com | www.innovative-diagnostics.eu

