



## Partner with Our Expert Application Scientists to Develop Custom MassARRAY® Solutions

Successful laboratory testing requires efficient start-up and processing times, as well as the ability to expand production as demand increases.

At Agena Bioscience, our Assays by Agena scientists can enhance your laboratory's productivity through custom assay design, sample processing, or panel verification services. Extensive experience with the MassARRAY® System ensures start-to-finish support, from assay design to implementation.

### CUSTOM ASSAY DEVELOPMENT FOR RAPID TEST DEPLOYMENT

- ✓ **Assay Development**  
Design an assay that is customized for your needs.
- ✓ **Proof of Concept Studies**  
Test a subset of your samples against a custom panel to witness the flexibility and robustness of the MassARRAY System.
- ✓ **Assay Optimization**  
Already have a panel developed but need to tweak a few assays? Troubleshoot difficult assays and optimize your panel for high multiplexing and performance.
- ✓ **Panel Customization**  
Modify any of our pre-designed panels to meet your unique needs by adding or changing assay content.
- ✓ **Consulting**  
Optimize your laboratory workflow and data analysis for seamless adoption of the MassARRAY System.



For Research Use Only. Not for use in diagnostic procedures.

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**Agena**  
BIOSCIENCE

## Available Services

Dedicated to providing quality products, our Assays by Agena scientists have extensive experience and proven competency in many areas of genetic analysis in order to support your needs.

### AGRICULTURAL GENETICS

- Parentage and trait selection for various livestock, aquaculture and companion animal species
- Marker-assisted selection in various plants and polyploids such as rice, palm oil, and oak trees

### ONCOLOGY

- Screening for oncogenes, tumor suppressors and translocations involved in melanoma, colon, gynecological, lung, and other cancers

### PHARMACOGENETICS

- Creating panels targeting variants in cytochrome P450 and other genes involved in drug metabolism and toxicity

### BLOOD TYPING

- Discerning rare blood group types and RhD zygosity

### INHERITED DISEASE

- Screening for cystic fibrosis, Ashkenazi Jewish genetic diseases, deafness, hemochromatosis, age-related macular degeneration, and other genetic disorders

### SAMPLE ID AND QC

- Developing panels containing SNPs and QC assays used to identify samples, match tumor to normal sample pairs, and quantify amplifiable DNA

### INTERESTED IN LEARNING MORE?

If you have questions about Agena Bioscience's products or services, or would like to place an order, please contact your local sales representative.

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