

iMARK BIOCHIP™

Custom-designed biochip development



DECISION
BIOMARKERS



Need to test biomarkers for a specific disease?

Decision Biomarkers offers Custom Assay Development Services. We can build our iMARK BIOCHIP™ with the analytes you need.

Decision Biomarkers can construct disease-specific biomarker panels to fit any of your specific testing needs.

Decision Biomarkers optimizes such parameters as antibody spotting concentrations, sample volume dilution matrix, incubation times, and detection antibody and label concentrations. We'll also sequentially evaluate the antibodies for each biomarker to ensure no interference with other panel members.

Once the prototype assay development is completed, we will evaluate and validate standard assay settings. Parameters include precision, sensitivity, dynamic range, linearity, spike recovery, stability and specificity.

Rest assured that our team of scientists will custom design a quality biochip because our labs follow Good Laboratory Practices guidelines. That means that test results gained from our iMARK BIOCHIP™ will stand up to repeated verification.

You should also know we're the only company making custom biochips for protein research. Every chip provides a fully validated assay. We "test drive" every one before delivery to make sure the chip meets your assay requirements.

And remember there's no messy lab work as all our biochips work with our AVANTRA™Q400 biomarker workstation that's specifically built to automate assays and expedite your work. You don't have to spend hours preparing assays with our system and you will get the results you need without unnecessary tasks. ☺



AVANTRA™Q400
BIOMARKER WORKSTATION



How to use our biochips with the AVANTRA™ Q400 Biomarker Workstation

It's as easy as one, two, three, four:



STEP 1:

Open door and insert biochip.

You don't have to worry about handling or adding reagents.



STEP 2:

Inject sample.

Serum or plasma are the routine types but we can handle others.



STEP 3:

Close door.

Our simple process reduces waste and maintenance failures and eliminates contamination issues.



STEP 4:

Push start. Results are ready in approximately 1 hour.

Remember our system runs the assay without user intervention. Test results are displayed on the screen and stored in the database.

Decision Biomarkers

We're the leaders in automated multiplexed immunoassays. Whether you are performing biomarker validation or running clinical trial samples, our system is easy to use, eliminates repetitive tasks, and increases

lab efficiency. Simply put, our system offers more target data per sample cost while reducing error caused by a high number of replicate assays.

To place an order, visit our website:

www.decisionbiomarkers.com



DECISION
BIOMARKERS

150 Bear Hill Road
Waltham, MA 02451

Tel: 877-890-2006
781-890-2006

Web: decisionbiomarkers.com