



Certificate of Analysis

CDI Labs HuProt™ Human Proteome Microarray v3.1

Product Number: CDIHP-003.1

Lot Number: HuProt_v3.1_APRIL24_2017

Date of Manufacture: April 24, 2017

Expiration Date: 12 months for most applications (6 months for functional assays)

Storage conditions: Store in plastic slide holders at -80°C (slide holders containing microarrays may be stored at -80°C in a plastic bag that contains desiccant).

Uses: Research Use Only. Do not use in diagnostic procedures.

Product Background:

The **HuProt™** v3.1 Human Proteome Microarray is comprised of >19,000 unique human proteins that allow hundreds of interactions in high-throughput to be profiled. **HuProt™** v3.1 can be used for a wide range of applications including the study of antibody specificity determination, serum profiling, protein-protein interactions, substrate identification, protein-DNA binding, protein-RNA binding, etc.

Printing Consistency:

>97% of the spots showed a foreground/background signal (F/B) ratio of at least 1.5 in anti-GST assay.

Result: meets all specifications

Controls:

The controls on the array are reactive with secondary detection reagents. Each block contains a row of control spots, including Alex Fluor 555/647 as landmarks. Controls include titrated GST protein, histones, mouse and rabbit anti-biotin, mouse IgG and IgM, and biotin-tagged control for streptavidin detection. Please refer to the User Manual for the full list of controls.

Results: This batch meets the specifications as listed above.

If you have any further questions about this Certificate of Analysis, please contact CDI Technical Services at 787-806-4100 ext 233, or at info@cdi-lab.com.

Quality Assurance Issued on **May 3, 2017**

CDI Laboratories
Guanajibo Research and Innovation Park
4005 Street B, Road 114 Km 1.3
Mayaguez, PR 00682
USA

**Please reference the CDI HuProt™ Human Proteome Microarray V3.1
Catalog #CDIHP-003.1 when you publish.**