



Certificate of Analysis

CDI Labs HuProt™ Human Proteome Microarray v4.0

Product Number: CDIHP-004.0

Lot Number: HuProt_v4.0_NOV26_2019

Date of Manufacture: November 26, 2018

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

Surface: PATH

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™** v4.0 Human Proteome Microarray is comprised of over 21,000 human proteins and protein isoforms, including >81% of canonically expressed proteins as defined by the Human Protein Atlas, that allow hundreds of interactions in high-throughput to be profiled. HuProt™ v4.0 can be used for a wide range of applications including the study of antibody specificity determination, serum profiling, protein-protein interaction, substrate identification, protein-DNA binding, protein-RNA binding, etc.

Printing Consistency:

>95% 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 IgM, and biotin-tagged control for streptavidin detection.

Result: 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 was issued on **December 06, 2018**

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