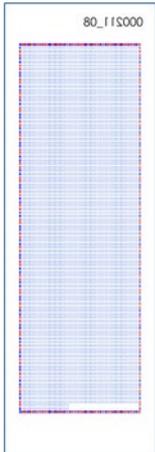# PEPperCHIP® Infectious Disease Epitope Microarray

Product: PEPperCHIP® Peptide Microarray

Microarray Content: 3,760 linear B-cell epitopes of 196 different pathogens referenced in the Immune Epitope Database as well as two selected Toxoplasma gondii antigens as overlapping peptides.

More information on the epitope and disease content is available in the Excel file: "Peptide_Map_Infectious_Disease_Epitope_Microarray.xlsx".

Database Epitope Lengths: 4 aa - 44 aa

Microarray Peptide Lengths: 4 aa - 17 aa (longer database epitopes were translated into overlapping peptides)

Number of Peptides/Spots: 4,345 / 8,690 (peptides in duplicate)

Microarray Layout:

Each PEPperCHIP® Peptide Microarray is marked with microarray ID on the backside of the glass slide. The glass slide is accurately placed in an incubation tray with the microarray surface up if the microarray ID appears in the top right corner in a mirror view manner.

PEPperCHIP® Infectious Disease Epitope Microarray contains a single peptide array and is compatible with a 3/1-well PEPperCHIP® Incubation Tray.

Each PEPperCHIP® Infectious Disease Epitope Microarray further contains HA, Polio and c-Myc control peptides (40, 42 and 30 spots each control).

Microarray Layout Files: Excel: Peptide_Map_Infectious_Disease_Epitope_Microarray.xlsx

MAPIX / GenePix® Pro: Infectious_Disease_Epitope_Microarray.gal