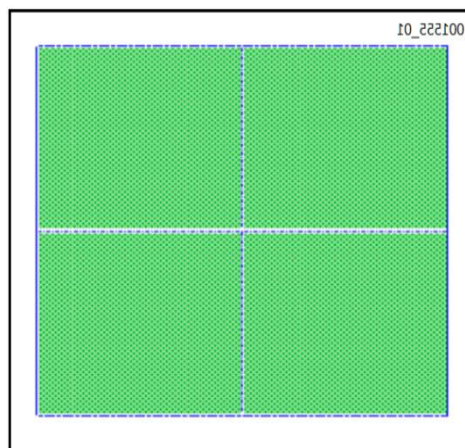


PEPperCHIP® Human Epitome Microarray

Product:	PEPperCHIP® Discovery Microarray		
Microarray Content:	Peptide epitopes related to human diseases (Citrullin is coded as Z)		
Indication	Database Epitopes	Database Antigens	Database Organisms
Infectious Diseases	8,504	1,167	259
Autoimmune Diseases	3,808	519	65
Allergic Diseases	3,451	262	92
Transplant Diseases	64	7	1
No Disease (Healthy)	1,481	368	107
Cancer	199	56	16
Other Diseases	995	164	35
Common Vaccines	4,661	666	16
Epitope Lengths:	5 – 51 aa		
Peptide Lengths:	5 to 17 aa depending on the epitope length; longer epitopes were translated into overlapping 17 aa peptides		
Number of Peptides/Spots:	29,128 / 58,256 (peptides printed in duplicate)		
Microarray Layout:	<p>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.</p>		



PEPperCHIP® Human Epitome Microarrays are not compatible with most microarray scanners and infrastructure. Therefore we strongly recommend you to ask for a complementary PEPperMAP® Single or Dual Isotype Service.

Each PEPperCHIP® Human Epitome Microarray further contains HA, Polio and c-Myc control peptides (261, 257 and 257 spots each control).

Microarray Layout Files: Excel: Peptide_Map_Human_Epitome_Microarray.xlsx
GenePix® Pro: Human_Epitome_Microarray.gal
PepSlide® Analyzer: Human_Epitome_Microarray.psf