

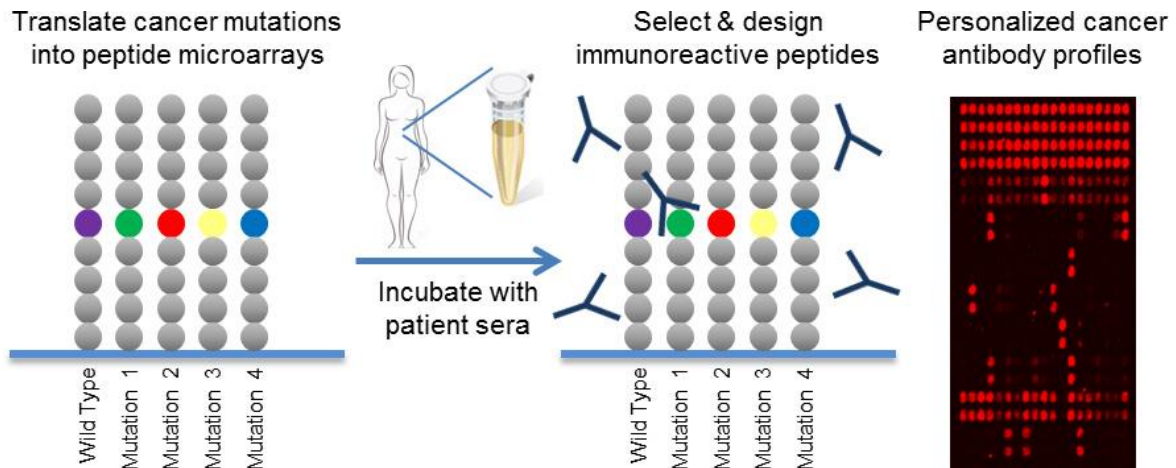


PEPperCHIP[®] Cancer Neopeptide Microarrays

- Translate cancer point mutations into peptide microarrays
- From sequencing data to immune profiles in 4 weeks
- Identify immunogenic neopeptides for immunotherapy
- Generate personalized cancer peptide microarrays
- Develop individualized cancer vaccines

PEPperCHIP® Cancer Neoepitope Microarrays

PEPperPRINT provides custom cancer neoepitope microarrays with up to 11,000 peptides for the fingerprint analysis of cancer antibody responses within 4 weeks in a uniquely cost-effective manner.



PEPperCHIP® Microarray Specifications

Microarray Content:	Cancer neoepitopes, sequencing data, custom peptide lists etc.
Peptide Length:	15 amino acids by default (adjustable)
Peptide Numbers:	5,500 different peptides printed in duplicate
Control Peptides:	HA and polio epitopes by default, optional custom controls
Timeline:	4 weeks from layout approval to microarray delivery
Microarray Example:	2,750 neoepitopes vs. 2,750 wild type peptides printed in duplicate

Applications:

- validate therapeutic antibodies against tumor associated antigens
- identify immunogenic epitopes for immunotherapy
- develop individualized cancer vaccines
- monitor personalized antibody responses
- discover prognostic cancer neoepitopes

Benefits:

- speed – get any microarray within 4 weeks
- flexibility – content on demand at any time
- quality – high reproducibility, highest signal-to-noise ratios, high specificity
- economics - most cost-effective and custom solutions

Request your quote today!