

Product Data Sheet

Product: PepStar SARS-CoV-2 Spike Glycoprotein Variant Collection (incl. Omicron)

Product code: RT-WCPV-S-V04-2

Source: SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)

Protein ID: P0DTC2 - UniProt release 2021_02 + Mutations (incl. Omicron)

No. of peptides: 562 peptides (15mers with 11 aa overlap)

Length: 1273 aa

Sequence:
 SPIKE_WT
 SPIKE_UK_B.1.1.7 Alpha
 SPIKE_SA_B.1.351 Beta
 SPIKE_BRAZIL_P.1_B.1.1.248 Gamma
 SPIKE_CAL/20.C_B.1.429 Epsilon
 SPIKE INDIA B.1.617.2 Delta + AY.4.2
 SPIKE PERU C.37 Lambda
 SPIKE Colombia B.1.621 Mu
 SPIKE B.1.525 Eta
 SPIKE B.1.526 Iota
 SPIKE B.1.1.529 Omicron

Specifications: Microarray glass slide, 1"x3" (2.5 x 7.5cm)

Layout: Peptides are printed in 21 mini arrays. An exemplary view is shown below. For layout details please refer to .gal- file enclosed to shipment or contact customer support.

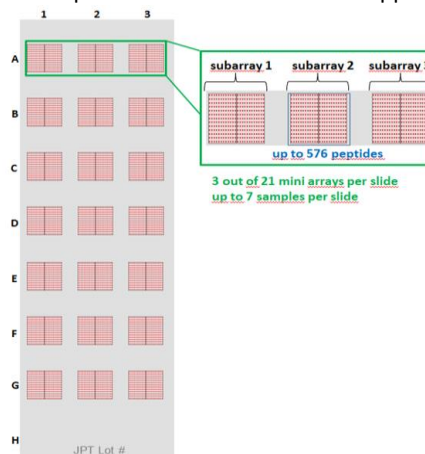


figure 1: Multiwell array format: 21 mini arrays per slide. Each mini array displays all peptides in one individual spot

Storage conditions: Store reffridgerated at 4°C