

Rev01  
Update: Dec,28,2022

**DATASHEET**

# SARS-CoV-2 Y14

Cat. No.: RP30023CN

## Overview

<b>Description</b>	This pool includes 16 peptides derived from a peptide scan (15mers with 11 aa overlap) through the entire Uncharacterized protein 14 (Protein ID: P0DTD3) of SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) for T cell assays.
<b>Sequence</b>	MLQSCYNFLKEQHCQKASTQKGAEAAVKPLLVPHHVWATVQEIQQAAVGELLLLLEWLAMAVMLLLLCCCLTD

## Properties

<b>Purity</b>	Crude
<b>Solubility</b>	Dissolve in a minimum amount of pure DMSO (approx. 40 µl) and dilute with PBS buffer to the final concentration. Please note that the final concentration of DMSO must be below 1 % (v/v) to avoid toxicity in the biological system.
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C.
<b>Note</b>	The peptides of this product are supplied as trifluoroacetate salts

## Applications

T-cell assays, Immune monitoring, Antigen specific T-cell stimulation, T-cell expansion, Cellular immune response

## Sequence (one-letter-code)

<b>Code</b>	<b>Sequence</b>	<b>Code</b>	<b>Sequence</b>
peptide_1	MLQSCYNFLKEQHCQ	peptide_2	CYNFLKEQHCQKAST
peptide_3	LKEQHCQKASTQKGA	peptide_4	HCQKASTQKGAEAAV
peptide_5	ASTQKGAEAAVKPLL	peptide_6	KGAEAAVKPLLVPHH
peptide_7	AAVKPLLVPHHWAT	peptide_8	PLLVPHHWATVQEI
peptide_9	PHHWATVQEIQLQA	peptide_10	VATVQEIQLQAAVGE
peptide_11	QEIQLQAAVGELLLL	peptide_12	LQAAVGELLLLWLA
peptide_13	VGELLLLWLAMAVM	peptide_14	LLLEWLAMAVMLLLL
peptide_15	WLAMAVMLLLCCCL	peptide_16	AVMLLLCCCLTD