

Datasheet for 000-001-L24**CEFT panel 32 peptides****Overview**

Description:	T-Cell Assay Panel Peptides - 000-001-L24
Item No.:	000-001-L24
Size:	1 mg

Product Details

Background:	Pool of 32 HLA class I restricted T cell epitopes from human cytomegalovirus, Epstein-Barr virus and influenza virus. Stimulates the release of IFN-gamma from CD8+ T cells in individuals with certain highly frequent HLA types (HLA: A1, A2, A3, A11, A24, A68, B7, B8, B27, B35, B44). Chosen epitopes are presented by the most common Caucasian HLA types, whose cumulative frequencies represent >100% of Caucasian individuals. Useful as a peptide specific positive control in ELISPOT, CTL and intracellular cytokine assays using human PBMC.
Synonyms:	Influenza A, Influenza M, EBV LMP2A, EBV BMLF1, HCMV pp65, Influenza NP, EBV, EBV EBNA 4NP, EBV RTA, EBV BZLF-1, EBV EBNA 3A, EBV EBNA 3, HCMV, EBV EBNA 3C, EBV EBNA3A, CMV pp65, HCMV, control peptide, blocking peptide
Type:	Peptide

Target Details

Purity/Specificity:	Greater than 90% specific peptide.
----------------------------	------------------------------------

Application Details

Application Note:	T-Cell Assay Panel Control Peptides are suitable for use in ELISA, Western Blot, Dot blot, PCA, and other assays. Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/ml by UV absorbance at 280 nm
Buffer:	None
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 2 - 8 ° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

