



PRODUCT DATA SHEET

CTL B-Poly-S[™]

(frozen, polyclonal B cell activator stock solution)

Catalog No.: CTL-hBPOLYS-200, CTL-mBPOLYS-200

Product: CTL Human B-Poly-S[™], CTL Mouse B-Poly-S[™]

Packaging Size: 80µl per vial diluted in PBS BSA

Concentration: 1,000x

Lot: _____

Formulation: Both CTL Human B-Poly-S[™] and CTL Mouse B-Poly-S[™] are a stock solution containing Resiquimod and either recombinant Human IL-2 or recombinant Mouse IL-2 respectively, which are used for the polyclonal expansion of memory B cells.

Storage: Store refrigerated at 2 - 8°C. For long term storage, freeze at -20°C or below.

Recommended Usage: Four-day prestimulation cultures are recommended for most in vitro ASC measurements. Strictly adhere to sterile conditions for prestimulation culture. Add CTL B-Poly-S[™] reagent to cells in B Cell Culture Medium 1:1000 (e.g., 10µl CTL B-Poly-S[™] to 10ml CTL-Test B[™] Medium). The amount of CTL B-Poly-S[™] provided is sufficient for stimulation of 320 million PBMC at 4 million cells/ml.

QC: Each batch is tested for optimum performance in B cell ELISPOT assay.

References: Pinna, D., Corti, D., Jarrossay, D., Sallusto, F. and Lanzavecchia, A. (2009), Clonal dissection of the human memory B-cell repertoire following infection and vaccination. *Eur. J. Immunol.*, 39: 1260–1270. doi: 10.1002/eji.200839129.

Working Solution: Protocols are available from CTL for working with PBMC under serum-free conditions.

For laboratory research use only. Not for use in diagnostic or therapeutic procedures.