



Cell Isolation Optimizing System

Biopurechem's Biochemical Corporation offers a complete method development kit containing an assortment of enzymes most frequently used in tissue dissociation and cell isolation procedures. The "Cell Isolation Optimizing System" includes instructions, references and strategies for the handling, use and optimization of enzymatic cell isolation methods to achieve maximum yield of viable cells.

The "System" contains all the enzymes commonly referenced in tissue dissociation and cell isolation procedures detailing the tissue types commonly used, the mode of action of the various enzymes, tissue culture techniques, and protocol optimization guidelines. In addition, the guide lists hundreds of cell and tissue specific isolation references for getting started in enzymatic cell isolation.

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Technical Service: 440-781-6897

Kit Contents

Enzyme	Code*	Qty/Vial
Collagenase Type 1	CLS1	500 mg dw
Collagenase Type 2	CLS2	500 mg dw
Collagenase Type 3	CLS3	500 mg dw
Collagenase Type 4	CLS4	500 mg dw
Trypsin	TRL	500 mg dw
Hyaluronidase	HSE	50,000 Units
Elastase	ESL	100 mg P
Papain	PAPL	100 mg P
Deoxyribonuclease I	DP	25 mg dw
Trypsin Inhibitor	SIC	100 mg dw
Neutral Protease (Dispase)	NPRO	10 mg dw

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