Cib Biotech Co.

Biotechnology products

EXOCIB

Exsosome Isolation Kit

شرکت سیب زیست فن
Cib Biotech Co.

Exosomes are cell derived membranous particles with a size of 20 to 120 nm. Exosomes are excreted from cells into the surrounding media and can be found in many if not all body fluids. Their proposed role as intercellular hormone like messenger together with their stability as carrier of proteins and RNA makes them ideal in the search for biomarkers for a variety of biological questions.

Exosome Isolation Kit provides a rapid method for the isolation and purification of exosomes in sterile conditions from biological fluids and cell culture media. Less time and Low speed centrifuges are required to obtain high yield of exosome with Low volume of cell culture media.

Product	Cat. No.	Package size	Application
Exocib	3603-100	Reagent A (20 ml) Reagent B (5 ml)	Exsosome isolation from 100 ml cell culture supernatant
Exocib	3603-450	Reagent A (3 × 30 ml) Reagent B (10 ml)	Exsosome isolation from 450 ml cell culture supernatant
Exocib	3604-100	Reagent A (20 ml) Reagent B (5 ml)	Exsosome isolation from 100 ml serum/plasma
Exocib	3604-450	Reagent A (3 × 30 ml) Reagent B (10 ml)	Exsosome isolation from 450 ml serum/plasma

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GASFIT

Gas-Generating Device

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Cibbiotech© is the first and only producer of gas-generating devices in IRAN. Gasfit series provide atmospheric requirements for growth of anaerobic or microaerobic bacteria. A gas-generating device produces predetermined amounts of selected gases to be used in a closed chamber in order to establish suitable atmospheric conditions for cultivation of microorganisms with special atmospheric requirements. The clinical importance of anaerobic and microaerobic bacteria in human infections has been fully determined. The device aids in the research and diagnosis of infectious disease.

Product	Cat. No.	Package size	Application
Gasfit C	4302-05	Pack of 5-10g sachets	Generation of an CO_2-enriched and oxygen-depleted atmosphere in anaerobic jar
	4302-10	Pack of 10-10g sachets	
	4302-20	Pack of 20-10g sachets	
Gasfit C Mini	4802-06	Pack of 6-3g sachets	Incubation of one to two Petri dishes in CO_2-enriched and oxygen-depleted atmosphere
	4802-12	Pack of 12-3g sachets	
Gasfit C Indicator	4804-25	Pack of 25 indicator strips	Capnophilic atmosphere detector
	4804-50	Pack of 50 indicator strips	
Gasfit A	4301-05	Pack of 5-40g sachets	Generation of an anaerobic atmosphere in anaerobic jar
	4301-10	Pack of 10-40g sachets	
	4801-10	Pack of 10-20g sachets	
Gasfit A Indicator	4803-25	Pack of 25 indicator strips	Anaerobic atmosphere detector
	4803-50	Pack of 50 indicator strips	

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STRAV

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STRAV is purified streptavidin solution. Streptavidin is a nonglycosylated tetrameric protein, each subunit binds one biotin molecule with very high affinity. It is used to bridge and/or detect biotinylated biomolecules. Streptavidin is widely used in Western blotting, Immunoblotting, ELISA, Radioimmunoassay, Purification and Detection of biomolecules.

Product	Cat. No.	Package size	Application
STRAV	1201-01	1 (mg/ml, 1ml)	Immunoblotting, ELISA, Radioimmunoassay, Purification and Detection of biomolecules
	1201-05	5 (mg/ml, 1ml)	
	1201-10	10 (mg/ml, 1ml)	

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PROTOCIB

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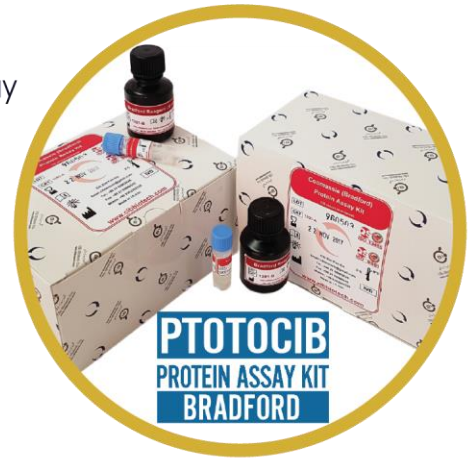
PROTOCIB is a quick and accurate colorimetric protein assay based on the Bradford protein assay. This method is based on absorbance shift of the dye Coomassie Brilliant Blue G250. The dye forms a strong, noncovalent complex with the protein's carboxyl group by van der Waals force and amino group through electrostatic interactions. During the formation of this complex the blue form of the dye is converted into its red form.



Product	Cat. No.	Package size	Application
PROTOCIB	3501-100	MTT (5 mg/ml, 1 ml) DMSO (10 ml) 96-well plate (1#)	Quantification of total protein of a sample
PROTOCIB	3501-300	MTT (5 mg/ml, 3 × 1 ml) Reagent B (3 ×10 ml) 96-well plate (3#)	Quantification of total protein of a sample

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Nitric Oxide Assay Kit

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The Nitric Oxide Assay is Griess reaction based assay, which detects the presence of nitrite ion in solution. Griess Reagent converts nitrite to a purple azo compound. The amount of the azochromophore accurately reflects nitric oxide amount in samples.

Product	Cat. No.	Package size	Application
Nitric Oxide Assay Kit	2801-80	Reagent A (10 ml) Reagent B (10 ml) Diluting buffer (10 ml) Standard solution (2.5 ml) 96-well plate (1#)	Quantitative determination of total nitric oxide in samples

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MTT Assay Kit

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The MTT assay is a colorimetric assay for assessing cell proliferation, cell viability or determining the cytotoxicity of different compounds. This method is based on measuring the reduction of a tetrazolium component (MTT) into an insoluble formazan product by the mitochondria of viable cells. This kit provides reagents follow the easy-to-use protocol within the kit.

Product	Cat. No.	Package size	Application
MTT Assay Kit	3202-100	MTT (5 mg/ml, 1 ml) DMSO (10 ml) 96-well plate (1#)	Colorimetric assay for viable cell quantification
Mtt Assay Kit	3202-300	MTT (5 mg/ml, 3 × 1 ml) Reagent B (3 ×10 ml) 96-well plate (3#)	Colorimetric assay for viable cell quantification

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GRAM Staining Kit

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Gram Stain Kit is used to differentiate gram-positive from gram-negative microorganisms.The Gram stain is now used to differentiate intact, morphologically similar bacteria into two groups based on cell color after staining. In addition, cell form, size and structural details are evident. Such preliminary information provides important clues to the type of organism(s) present and the further techniques are required to characterize them.

Product	Cat. No.	Package size	Application
Gram Staining Kit	2101-30	Reagent 1,2 (30 ml) Reagent 3,4 (50 ml)	Differentiation of Gram-positive and Gram-negative microorganisms
	2801-80	4 × 80 ml	
	2101-100	4 × 100 ml	
	2101-240	4 × 240 ml	
Crystal Violet	2101-1	1 l	Reagent 1 in Gram staining method
Iodine	2101-2	1 l	Reagent 2 in Gram staining method
Decolorizer	2101-3	1 l	Reagent 3 in Gram staining method
Safranin O	2101-4	1 l	Reagent 4 in Gram staining method
Immersion Oil	4804-25	25 ml	Increase the resolving power of a microscope in light microscopy
	4804-50	50 ml	
KOH 3%	2113-25	25 ml	Rapid method for Gram differentiation

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