Recommendation some suitable serum-free media from Biochrom AG for your cells

Information from Biochrom AG, September 15, 2011

Biochrom AG offers serum-free media for the cultivation of, inter alia, hybridoma, CHO, ceratinocytes, or insect cells. Serum-free media can be used to establish monitorable and reproducible cultivation conditions.

In order to ensure serum-free work, supplements and growth factors need to be added to the media. Animal-free enzymes are needed for the detachment of adherent cells. All serum-free cell culture products can be found on our website: www.biochrom.de/en/products/serumfreie-zellkultur/

What cell types do you intend to cultivate?

We recommend some suitable serum-free media for your cells:

cell type (recommended)	Biochrom AG's serum-free media	cat. no.	additives
CHO	**Octomed**	F 8085	
	ISF-1	F 9061-01	
FRTL 5	**Coon's F-12** serum-free with additives	F 0855	insulin, hydrocortisone, transferrin, glycyl-L-histidyl-L-lysine-acetate, somatostatin, thyrotropin
hybridoma	**HybridoMed DIF 1000**	F 8055/1	
	ISF-1	F 9061-01	
insect cells	**Insectomed SF express**	F 8275	
	TC-100	F 0545	
	Grace's insect cell medium	F 0555	
ceratinocytes	**MCDB 153** serum-free with additives	F 8105	EGF, insulin, hydrocortisone, ethanolamine, phosphoethanol-amine
lymphocytes	**Iscove's (IMDM)** serum-free with additives	F 0465 FG 0465	recombinant BSA, soybean lipides, transferrin

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cell type (recommended)	Biochrom AG's serum-free media	cat. no.	additives
neuroblastoma glioma hybrid cells, neuronal primary cells	**TNB 100** serum-free with additives	F 8023	lipide-protein complex
neuronal primary rat cells	**Start V**	F 8075	
sebocytes	**Sebomed™**	F 8205	
Vero, 3T6	**PFEK-1**	F 8045	

Our Tipp:

- **Serum-free cell freezing with Biofreeze**

  Biofreeze is a serum- and DMSO-free freezing medium for the cryopreservation of cell cultures in liquid nitrogen. It is suitable for freezing a wide range of cell lines. Biofreeze has no cytotoxic effect and may be used within the framework of all traditional freezing methods.

- **Serum-free transport and cold storage of cells with ChillProtec®**

  Adherent cells, cell suspensions or small tissue pieces are able to remain intact after cold storage when kept in the new medium Chillprotec®. The protective medium reduces cell damage caused by cold. Primary human hepatocytes, for example, remained intact at 2-8 °C for several days. We offer two variations of this new medium: ChillProtec® and ChillProtec® plus. ChillProtec® plus contains a macromolecular substance that has an additional protective effect on different cell types. You should therefore definitely test your cells using both versions.

Free samples of the freezing media Biofreeze (F 2270), ChillProtec® (F 2283/5) and ChillProtec® plus (F 2293/5) available at: info@biochrom.de