PAN BIOTECH GmbH
Competence in Cell Culture

Datasheet Panserin PX40

Serumfree media for adherent cells

Product	Description	Catalogue-No.	Size
Panserin PX40	**Serum-free media for adherent cells**	**P04-710PX40**	**500 ml**
Panserin PX40	**Serum-free media for adherent cells**	**P04-710PX40M**	**100 ml**

Product description :

Panserin PX40 is a ready to use complete medium for the serum-free cultivation of a variety of cells.

Storage conditions:

Storage: + 2°C - + 8°C
Stability: 1 year
Filling: 100 ml, 500 ml, other fillings on request

Composition:

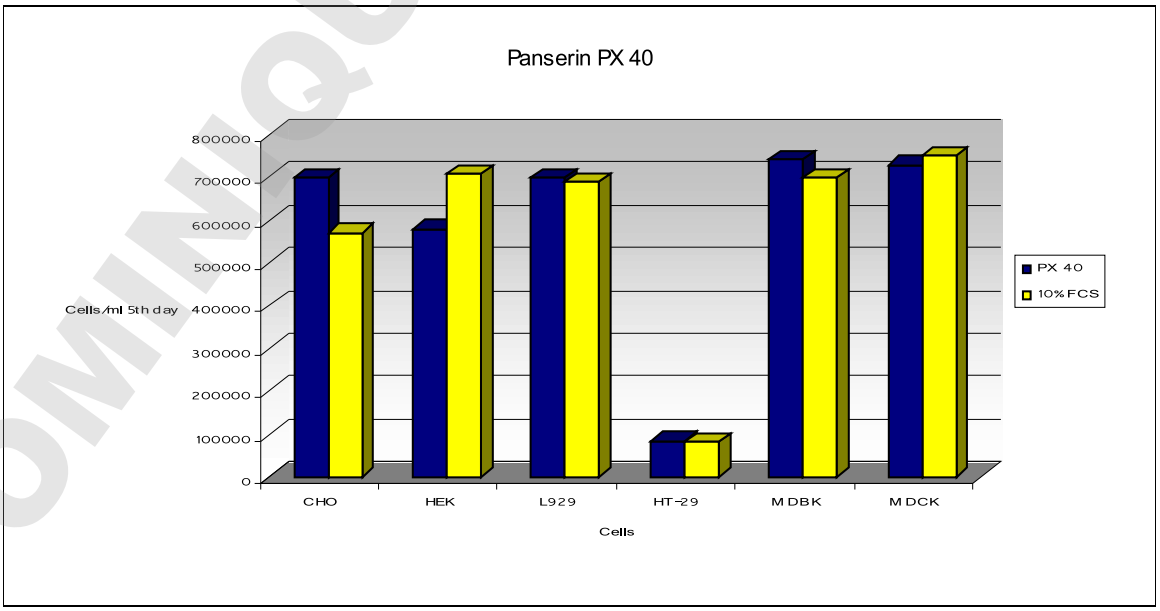
Based on RPMI 1640/DMEM/F-12, trace elements, albumin, lipoproteins, vitamins, hormones and attachment factors were added to the medium. The medium does not contain any growth hormones.

Suitability:

Cultivation of a variety of adherent cells in a serum-free culture (e.g. HEK, L929, CHO, MDCK, MDBK, 3T3A).

Special Advantages:

Panserin PX40 is a ready to use serum-free medium for the cultivation of a variety of adherent cells. The addition of attachment factors allows the cultivation of even highly demanding cells after a short adaptation phase. It contains no undefined peptones or hydrolysates.



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Instruction for use:

Adaptation to the serum-free culture.

Many cell lines can be directly transferred from the serum containing adherent culture in the serum-free culture with Panserin PX40. After a few passages with slower growth afterwards the cells reach growth rates comparable to serum containing culture conditions.

Direct adaptation to Panserin PX40:

- Use adherent cells in the log phase of a serum containing culture (for example high glucose DMEM with 10% FCS).
- Evacuate serum containing medium with pipette.
- Wash cell layer with PBS without Ca, Mg.
- Cover cell layer with trypsin / EDTA (0.25%, 0.02%) (about 2 ml per T25 bottle).
- Evacuate trypsin after about 1 minute.
- Incubate the cells until the show a round figure and detach from the surface (after about 5 minutes).
- Eliminate remaining trypsin activity with a trypsin inhibitor (1 mg/ml-solution, 1-2 ml trypsin inhibitor solution per T25 bottle).
- Transfer cells into Panserin PX40 and centrifuge again.
- Transfer cells into Panserin PX40 and count the cell number.
- Seed 5 x 10^4 - 1 x 10^5 cells/ml in preheated Panserin PX40. Incubation at 37 ° C and 5% CO_2 fumigation in the incubator.
- Transfer cells in fresh Panserin PX40 at a confluence of about 80%.

Indirect adaptation to Panserin PX40:

- Use adherent cells in the log phase of a serum containing culture (for example high glucose DMEM with 10% FCS).
- Evacuate serum containing medium with pipette.
- Wash cell layer with PBS without Ca, Mg.
- Cover cell layer with trypsin / EDTA (0.25%, 0.02%) (about 2 ml per T25 bottle).
- Evacuate trypsin after about 1 minute.
- Incubate the cells until the show a round figure and detach from the surface (after about 5 minutes).
- Eliminate remaining trypsin activity with a trypsin inhibitor (1 mg/ml-solution, 1-2 ml trypsin inhibitor solution per T25 bottle).
- Transfer cells into Panserin PX40 and centrifuge again.
- Transfer cells into Panserin PX40 and count the cell number.
- Seed 5 x 10^4 - 1 x 10^5 cells/ml in preheated Panserin PX40 with addition of 5% FCS.
- Incubation at 37 ° C and 5% CO_2 fumigation in the incubator.
- Transfer cells in fresh Panserin PX40 with 2% FCS at a confluence of about 80%.
- At the next splitting steps transfer cells in to Panserin PX40 with 1% FCS and finally with 0,1% FCS (the same procedure as described).

Technical Support:

Additional information will be available on our website : www.pan-biotech.com

For any technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone ++49-8543-601630.