

 <p>PRINCIPE FELIPE CENTRO DE INVESTIGACION</p> <p>BANCO NACIONAL DE LÍNEAS CELULARES NODO COMUNIDAD VALENCIANA</p>	<p align="center">“CULTURE MEDIUM FOR HUMAN EMBRYONIC STEM CELL LINE (hESC)”</p>
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1.- REAGENTS

REAGENTS	CATALOG NUMBER	SUPPLIER
Knockout D-MEM	10829-018	GIBCO
Knockout Serum	10828-028	GIBCO
L-Glutamine 200mM	G-7513	Sigma
MEM 100X Non essential aa	11140-035	GIBCO
β-mercaptoethanol	31350-010	GIBCO

2.- PROCEDURE:

CULTURE MEDIUM

1. Medium hESC final concentrations:

- 78 % de Knockout DMEM
- 20 % de Knockout Serum
- 1 % de Non essential aminoacids
- 2 mM de L-glutamine
- 0.1 mM de β-mercaptoethanol

2. Filter through a filter of size of pore of 0.22 μm. Preserve at 4°C. Not to use the medium after 15 days.