





**HEMESO-1A | 300187**

**Thawing and Culturing Cells**

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed tube.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 3 minutes at 4°C.
3. **Resuspension:** Resuspend the cells in 10 ml of pre-warmed medium.
4. **Seeding:** Seed the cells into a T25 flask containing 15 ml of pre-warmed medium.
5. **Incubation:** Incubate the cells at 37°C with 5% CO<sub>2</sub> in a humidified atmosphere.
6. **Monitoring:** Monitor the cell growth and confluency daily.
7. **Passaging:** Pass the cells when they reach 70-80% confluency.
8. **Storage:** Store the cells in liquid nitrogen for long-term storage.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating**

Yes

**Freezing Procedure**

Resuspend cells in freezing medium and store in liquid nitrogen at -78°C.

**Shipping Conditions**

Store at -78°C during shipping.

**Storage Conditions**

Store at -150°C for 196 weeks.

**HEMESO-1A / HLA**

**Sterility**

HEMESO-1A is PCR negative for mycoplasmas and is sterile. It is not tested for endotoxins.

**XXXXH-MESO-1A | 300187**

---

**XXXXX HLA**

**A\***: 02:01:01  
**B\***: 13:02:01, 44:02:01  
**C\***: '06:02:01, '07:04:01  
**DRB1\***: 07:01:01, 13:01:01  
**DQA1\***: '01:03:01, '02:01:01  
**DQB1\***: 02:02:01, 06:03:01  
**DPB1\***: '03:01:01, '20:01:01  
**E**: 01:01, 01:03