

CLS-439 | 300150

**Description** 1998 61 CLS .

**Organism**

**Tissue**

**Disease**

**Synonyms** CLS439

**Age** 61

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** CLS-439( 300150)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_5982

**Tumorigenic** ,

**CLS-439 | 300150**

**Culture Medium** 5a, w: 3.0g/L , w: , w: 2.0mM , w: 2.2g/L NaHCO3( 820200a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Doubling time** 35

**Subculturing** PBS (T25 3~5ml PBS, T75 5~10ml). TrypleExpress(T25 1-2ml, T75 5~10ml)

**Seeding density**  $1 \times 10^4$  /cm<sup>2</sup>

**Fluid renewal** 2~3

**Post-Thaw Recovery** 37°C /5% CO<sub>2</sub> 24

**Freeze medium** (FBS ) + 10% DMSO , CM-1(Cytion 800100)

- Thawing and Culturing Cells**
1. .
  2. -150°C , 3 .
  3. 37°C 40~60 .
  4. , 70% .
  5. 8ml 15ml .
  6. 300 x g 3 .
  7. 10ml . T25 , T25
  8. .

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78°C

**Shipping Conditions** -78°C

**Storage Conditions** -150°C -196°C -80°C

/ / HLA

**Sterility** PCR

**HLA**  
A\*: '01:01:01, '11:01:01  
B\*: '08:01:01  
C\*: '07:01:01  
DRB1\*: '03:01:01  
DQA1\*: '05:01:01  
DQB1\*: '02:01:01  
DPB1\*: '04:01:01g, '04:02:01g  
E: '01:01:01