

HuT-78 | 300338

|                    |        |   |        |      |      |   |   |     |        |
|--------------------|--------|---|--------|------|------|---|---|-----|--------|
| <b>Description</b> | HuT-78 | T |        | T    | CTCL |   | T | CD4 | CD8    |
|                    | HuT-78 |   |        |      |      |   | T |     | HuT-78 |
|                    |        |   | HuT-78 | CTCL |      | T |   |     |        |

**Organism**

**Tissue**

**Disease**

**Synonyms** Hut 78 HUT 78 HuT 78 HUT-78 HuT78 Hut78 HUT78 NCI-H78

**Age** 53

**Gender**

**Ethnicity**

**Morphology**

**Cell type** T

**Growth properties**

**Citation** HuT-78 Cytion 300338

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0337

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|                            |    |        |
|----------------------------|----|--------|
| <b>Receptors expressed</b> | -2 | 2 IL-2 |
|----------------------------|----|--------|

|                           |     |
|---------------------------|-----|
| <b>Protein expression</b> | P53 |
|---------------------------|-----|

|                           |     |
|---------------------------|-----|
| <b>Antigen expression</b> | CD4 |
|---------------------------|-----|

|                 |    |        |                         |
|-----------------|----|--------|-------------------------|
| <b>Products</b> | -2 | 2 IL-2 | $\alpha$ TNF $\alpha$ ) |
|-----------------|----|--------|-------------------------|

|                       |                    |                                     |         |
|-----------------------|--------------------|-------------------------------------|---------|
| <b>Culture Medium</b> | RPMI 1640 w 2.0 mM | w 2.0 g/L NaHCO <sub>3</sub> Cytion | 820700a |
|-----------------------|--------------------|-------------------------------------|---------|

|                    |     |     |
|--------------------|-----|-----|
| <b>Supplements</b> | 10% | FBS |
|--------------------|-----|-----|

|                     |                 |                 |                 |                 |
|---------------------|-----------------|-----------------|-----------------|-----------------|
| <b>Subculturing</b> | $1 \times 10^5$ | $1 \times 10^6$ | $3 \times 10^6$ | $5 \times 10^6$ |
|---------------------|-----------------|-----------------|-----------------|-----------------|

|                        |                 |   |
|------------------------|-----------------|---|
| <b>Seeding density</b> | $1 \times 10^5$ | / |
|------------------------|-----------------|---|

|                      |   |   |
|----------------------|---|---|
| <b>Fluid renewal</b> | 2 | 3 |
|----------------------|---|---|

|                           |    |    |
|---------------------------|----|----|
| <b>Post-Thaw Recovery</b> | 24 | 48 |
|---------------------------|----|----|

|                      |               |             |        |             |        |
|----------------------|---------------|-------------|--------|-------------|--------|
| <b>Freeze medium</b> | FBS +10% DMSO | CM-1 Cytion | 800100 | CM-1 Cytion | 800100 |
|----------------------|---------------|-------------|--------|-------------|--------|

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**Thawing and Culturing Cells**

|    |         |        |       |     |
|----|---------|--------|-------|-----|
| 1. |         |        |       |     |
| 2. |         | -150°C |       | 3   |
| 3. |         | 37°C   | 40-60 |     |
| 4. |         | 70%    |       |     |
| 5. |         | 8      | 15    |     |
| 6. | 300 x g | 3      |       |     |
| 7. | 10      |        | T25   | T25 |
| 8. |         |        |       |     |

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure**

-78 °C

**Shipping Conditions**

-78 °C

**Storage Conditions**

-150 -196 -80 °C

/ /HLA

**Sterility**

PCR

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**HLA**

**A\*:** '01:01:01

**B\*:** '15:01:01

**C\*:** '03:03:02

**DRB1\*:** '04:01:01

**DQA1\*:** '03:01:01

**DQB1\*:** '03:02:01

**DPB1\*:** '04:01:01

**E:** '01:03:02