

Product sheet

H9 (HuT 78) | 300460

General information

<b>Description</b>	H9, T HUT 78 Sezary, H9, HT clone H9, HT(H9), H 9, H-9
<b>Organism</b>	Human
<b>Tissue</b>	Leukocytes
<b>Disease</b>	Myeloid leukemia (Acute myeloid leukemia T cell)
<b>Metastatic site</b>	Leukocytes
<b>Synonyms</b>	HT clone H9, HT(H9), H 9, H-9

Characteristics

<b>Age</b>	53 years
<b>Gender</b>	Male
<b>Ethnicity</b>	Polish
<b>Morphology</b>	Leukocytes
<b>Cell type</b>	T
<b>Growth properties</b>	Adherent

References and safety

<b>Citation</b>	H9 (HuT 78) (Cytion 300460)
<b>Biosafety level</b>	1

Product sheet

**HEp-2 (ATCC CCL-23) | 300460**

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1240

**ATCC** CCL-23

**Receptors expressed** CD4+

**Protein expression** IL-2 (IL-2)

**Isoenzymes** AK-1, 0, ES-D, 1, G6PD, B, GLO-I, 1, Me-2, 0, PGM1, 1, PGM3, 0

**Virus susceptibility** HIV-1 (HTLV-III)

**Keywords**

**Culture Medium** RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO3 (Sigma Cytion 820700a)

**Supplements** 10% FBS

**Subculturing** 1:5

**Freeze medium** RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO3 (Sigma Cytion 820700a) + 10% DMSO + 10% FBS

**HEK293T H9 (HEK293T HuT 78) | 300460**

**Thawing and Culturing Cells**

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed T25 flask containing 5 ml of complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
3. Seed the cells into a 96-well plate at a density of 10,000 cells per well in 100 µl of complete DMEM medium.
4. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
5. Harvest the cells by centrifugation at 300 x g for 3 minutes. Wash the cells with PBS and resuspend in 150 µl of complete DMEM medium.
6. Seed the cells into a 96-well plate at a density of 10,000 cells per well in 100 µl of complete DMEM medium.
7. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency.
8. Harvest the cells by centrifugation at 300 x g for 3 minutes. Wash the cells with PBS and resuspend in 150 µl of complete DMEM medium.

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

**Flask Coating** None

**Freezing Procedure** Harvest cells by centrifugation at 300 x g for 3 minutes. Wash with PBS and resuspend in 150 µl of complete DMEM medium. Seed into a 96-well plate at 10,000 cells per well. Incubate at 37°C in 5% CO<sub>2</sub> until 70-80% confluency.

**Shipping Conditions** Cells are shipped in a dry ice container at -78°C.

**Storage Conditions** Cells should be stored at -150°C in 196 µl of complete DMEM medium.

**HEK293T H9 / HEK293T HuT 78 / HLA**

**Sterility**

HEK293T H9 (HEK293T HuT 78) is a HEK293T cell line that has been stably transfected with the HLA genes. The cells are produced in a GMP-compliant facility and are free of mycoplasma and other contaminants.