

HNO258 | 300146

Description CCN
HNO258 is a cell line derived from a patient with head and neck squamous cell carcinoma (HNSCC). The cell line is characterized by a karyotype of 46,XX,t(11q13;q15) and a mutation in the TP53 gene. The cell line is highly tumorigenic and is used for research in cancer biology and drug discovery.

Organism Human

Tissue Head and neck squamous cell carcinoma

Disease Head and neck squamous cell carcinoma (HNSCC)

Age 62 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

Citation HNO258 (ATCC CCL-300146)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_D221

HNO258 | 300146

Culture Medium	DMEM 4.5 g/l, 4 g/l, 3.7 g/l, NaHCO ₃ 1.0 g/l (82)
Supplements	10% FBS
Dissociation Reagent	
Subculturing	PBS
Fluid renewal	2-3
Freeze medium	(FBS) + 10% DMSO
Thawing and Culturing Cells	<ol style="list-style-type: none"> 1. 37 2. -150 3. 37 4. 70% 5. 15, 8 6. 300 × 3 7. 10 8. -78
Incubation Atmosphere	37
Flask Coating	
Freezing Procedure	-78

