

Product sheet

XXXXXXXX-84 | 300261

XXXXXXXXXX

Description LAMA-84 is a human lung adenocarcinoma cell line (CAMA-84) derived from a 68-year-old male patient with a history of smoking. It is characterized by its ability to form multicellular spheroids in suspension culture. LAMA-84 cells are highly tumorigenic in nude mice and are used as a model for studying lung cancer biology and drug response.

Organism HOMO SAPIENS

Tissue LUNG

Disease LUNG ADENOCARCINOMA

Synonyms LAMA-84, CAMA-84, H1975, H1975-84

XXXXXXXXXX

Age 29 years

Gender MALE

Ethnicity CAUCASIAN

Morphology Epithelial, Spheroid-forming

Growth properties Adherent, Suspension

XXXXXXXXXX XXXXXXXXXXXX

Citation LAMA-84 (H1975) (ATCC CCL-220) (300261)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0388

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

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Surface antigens GPIIb/IIIa+~~GP~~IIIIa+~~GP~~IIIIa+

Viruses ~~EBNA~~ (EBNA)

Mutational profile BCR-ABLL1 pos

XXXXXXXXXX

Culture Medium RPMI 1640 ~~2.0~~ ~~2.0~~ ~~NaHCO3 (820700a~~

Supplements ~~10% FBS~~

Doubling time 30 ~~30~~

Subculturing ~~5 5 6~~

Seeding density 1 ~~2~~ ~~4~~

Post-Thaw Recovery ~~4~~ ~~24~~

Freeze medium ~~10% DMSO~~

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XXXXXXXX HLA

A*: '02:01:01, '25:01:01

B*: '18:01:01, '44:02:01

C*: '05:01:01, '12:03:01

DRB1*: '04:02:01, '15:01:01G

DQA1*: '01:02:01, '03:01:01

DQB1*: '03:02:01, '06:02:01

DPB1*: '09:01:01, '23:01:01

E: '01:01:01