

Product sheet

MDA-kb2 | 305108

Product information

Description MDA-kb2 is a cell line derived from a human mammary carcinoma. It is characterized by its ability to form mammary-like structures in culture. The cells are stably transfected with a luciferase gene (a-Luc) under the control of a mammary-specific promoter. This construct allows for the detection and quantification of mammary-specific gene expression in the cells. MDA-kb2 cells are highly proliferative and are used as a model for studying mammary cancer biology and for testing anti-cancer therapies.

Organism Human

Tissue Mammary gland

Disease Breast cancer

Metastatic site Mammary gland

Synonyms MDA-Kb2

Cell characteristics

Age 48 days

Gender Male

Morphology Epithelial

Growth properties Adherent

Documentation

Citation MDA-kb2 (ATCC CCL-222) | Cytion: 305108

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_6421

GMO Status GMO-S1: MDA-kb2 (MDA-kb2) cells stably transfected with a luciferase gene («firefly-Luc») under the control of a mammary-specific promoter.

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Cell Line

Protein expression firefly-Luc MMTV

Media

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 / 2.5 15 (15)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

- 1.
2. -150
3. 37
4. 70%
5. 15 8
6. 300 × 3
7. 10
- 8.

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Incubation Atmosphere 37 °C, 5% CO₂

Shipping Conditions Store at -150 °C to -196 °C. Do not thaw. Shipping temperature: -78 °C.

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HLA

Sterility Sterile, ready for use. (PCR)