

Product sheet

**MDA-kb2 | 305108**

**Product Information**

**Description** MDA-kb2 is a cell line derived from a patient with metastatic breast cancer. It is characterized by high tumorigenicity and is used for studying breast cancer biology and drug response. The cell line is maintained in DMEM/F12 medium supplemented with 5% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor 1 (IGF1).  
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**Organism** Human

**Tissue** Breast, Metastatic

**Disease** Breast Cancer, Metastatic

**Metastatic site** Lung, Liver, Bone

**Synonyms** MDA-MB-231, MDA-MB-231-Luc

**Characteristics**

**Age** 48 years

**Gender** Female

**Morphology** Epithelial, Adherent

**Growth properties** High tumorigenicity, High proliferation rate

**Applications**

**Citation** MDA-kb2 (MDA-MB-231) Cytion 305108

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_6421

**GMO Status** GMO-S1: MDA-kb2 (MDA-MB-231)-Luc

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**Product Overview**

**Protein expression**  $\beta$ -Galactosidase-Luc MMTV

**Media**

**Culture Medium** Leibovitz's L-15, w: 2.0 mM L-Glutamine, 0.55 g/L NaHCO<sub>3</sub> (Glucose)

**Supplements** FBS 10%

**Dissociation Reagent** Trypsin

**Subculturing** PBS 10% FBS T25

**Fluid renewal** 2-3

**Freeze medium** DMEM (10% FBS) + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells in a 37°C water bath.
2. Add 10% FBS cryovial -150 °C.
3. Incubate cells at 37°C.
4. Add 70% DMEM.
5. Incubate cells for 15 min.
6. Add 300 x g 3 min.
7. Incubate cells for 10 min.
8. Add 10% FBS.

