

# MCF7A cell line

**Catalogue number:** 154546

**Sub-type:** Continuous

**Images:**

## Contributor

**Inventor:** Lambert Dorssers

**Institute:** Erasmus University Medical Center (Erasmus MC)

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** MCF7A cell line

**Alternate name:**

CancerTools.org

**Class:**  
**Conjugate:**  
**Description:** Oestradiol-dependent MCF7 subline  
**Purpose:**  
**Parental cell:** MCF7  
**Organism:** Human  
**Tissue:** Breast  
**Model:** Cancer Model  
**Gender:**  
**Isotype:**  
**Reactivity:**  
**Selectivity:**  
**Host:**  
**Immunogen:**  
**Immunogen UNIPROT ID:**  
**Sequence:**  
**Growth properties:**  
**Production details:**  
**Formulation:**  
**Recommended controls:**  
**Bacterial resistance:**  
**Selectable markers:**  
**Additional notes:**

## Target details

**Target:** Mammary adenocarcinoma

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:** RPMI 1640 medium supplemented with 10% heat-inactivated fetal calf serum (FCS)

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:** Liquid Nitrogen

**Shipping conditions:** Dry ice

## Related tools

**Related tools:**

## References

**References:** Marvin et al. 2013. Nat Methods. 10(2):162-70. PMID: 23314171. ; An optimized fluorescent probe for visualizing glutamate neurotransmission.