

CHO-EGFR | 305977

Description
Bioassay workflow
CHO-EGFR (CHO) screening,
CHO-EGFR (potency testing workflows)

Organism

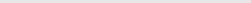
Tissue	XXXXXXXX
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Disease , , EGFR

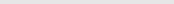
Applications ; EGFR; ADCC/CDC; /

XXXXXXXXXXXX

Gender ☒ Male ☒ Female

Morphology 

Cell type

Growth properties 

Citation CHO-EGFR (XXXXXXXXXXXXXXXXXXXX Cytion 305977)

Biosafety level	1
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NCBI_TaxID	10029
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Product sheet

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CellosaurusAccession CVCL_A8W3

GMO Status GMO-S1: CHO EGFR

Surface antigens EGFR (HER1/ErbB1/CD340)

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 / w: 2.5 L- w: 15 CHO A (InSCREENeX; InSCREENeX I

Supplements FBS 5% Geneticin (G418-Sulfat) 0.5

Dissociation Reagent EDTA

Doubling time 14-16

Subculturing PB

Split ratio 1:5

Seeding density $2 \times 10^5 \times \frac{1}{\text{cm}^2}$

Fluid renewal 2-3

Post-Thaw Recovery 1:2 1:3 T25

Freeze medium (FBS) + 10% DMSO

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**Thawing and
Culturing Cells**

1. Thaw the cells quickly in a water bath at 37°C.
2. Add the cells to a cryovial and store at -150 °C.
3. Seed the cells into a 25 cm² flask at 37°C.
4. Incubate the cells for 70% confluency.
5. Split the cells into 15 flasks.
6. Harvest the cells at 300 x g for 3 min.
7. Wash the cells with PBS.
8. Store the cells at -150 °C.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

**Shipping
Conditions**

Cells are shipped in a dry ice container.

**Storage
Conditions**

Cells are stored at -150 °C to -196 °C.

Sterility

Cells are tested for sterility by PCR and are found to be free of contamination.