

Product sheet

**L-929-GFP | 305956**

**General Information**

<b>Description</b>	L-929-GFP is a cell line derived from L-929 cells, expressing GFP (Green Fluorescent Protein) under the control of the L-929 promoter. It is used for studying gene expression and cell biology.
<b>Organism</b>	Mouse
<b>Tissue</b>	Embryonic fibroblasts
<b>Synonyms</b>	L929/GL50

**Characteristics**

<b>Age</b>	100 days
<b>Gender</b>	Male
<b>Cell type</b>	Embryonic fibroblasts
<b>Growth properties</b>	Adherent

**References and Accession**

<b>Citation</b>	L929-GFP (ATCC CRL-2838)   Cytion: 305956
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	10090
<b>CellSaurusAccession</b>	CVCL_E2Z7

**Media and Reagents**

**Culture Medium**

<b>Culture Medium</b>	DMEM:Ham's F12 (1:1), w: 3.1 g/L D-glucose, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM beta-mercaptoethanol, w: 1.2 g/L NaHCO3 (820400a)
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**Supplements**      10% FBS

**Dissociation Reagent**      Trypsin

**Subculturing**      1. Seed cells into 25 cm<sup>2</sup> flasks in DMEM + 10% FBS. 2. When cells reach 80-90% confluency, dissociate with trypsin. 3. Resuspend cells in DMEM + 10% FBS and seed into new flasks.

**Seeding density**      1 x 10<sup>5</sup> cells / flask

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

- Thawing and Culturing Cells**
1. Thaw vials rapidly in a 37°C water bath.
  2. Dilute the cells into 10 mL of DMEM + 10% FBS.
  3. Seed cells into a 25 cm<sup>2</sup> flask.
  4. Allow cells to recover for 24-48 hours.
  5. Once cells are established, replace the medium with DMEM + 10% FBS.
  6. Harvest cells when they reach 80-90% confluency.
  7. Perform a final wash with PBS.

**Incubation Atmosphere**      37°C, 5% CO<sub>2</sub>

**Shipping Conditions**      Dry Ice

**Storage Conditions**      -150°C

**HEK293T-L-929-GFP / HEK293T-L-929-GFP / HLA**