

Product sheet

SW620-Luc | 305704

General information

Organism	Human
Tissue	Colon
Disease	Colorectal adenocarcinoma
Metastatic site	Colon
Synonyms	SW620, SW 620, SW.620, SW.620

Cell characteristics

Age	51 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Documentation

Citation	SW620-Luc (ATCC CCL-221) Cytion: 305704
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_J268
GMO Status	GMO-S1: SW-620 a-Luc

Additional information

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Protein expression **High**

Tumorigenic **Yes**

Mutational profile **Wild-type** p.Gln1338Ter **Low** p.Gly12Val **Low** p.Arg273His **Low** p.Pro327Leu **Low**

SW620-Luc

Culture Medium **DMEM**

Freeze medium **DMEM + 10% DMSO**

- Thawing and Culturing Cells**
1. **Thaw cells** in a 37°C water bath.
 2. **Centrifuge** at 300 x g for 5 min.
 3. **Resuspend** cells in DMEM + 10% FBS.
 4. **Seed cells** into a 24-well plate at 70% confluency.
 5. **Incubate** cells for 15 min at 37°C.
 6. **Remove FBS** and replace with DMEM + 10% FBS.
 7. **Incubate** cells for 24 hours.

Incubation Atmosphere **37°C, 5% CO₂**

Shipping Conditions **Room temperature**

Storage Conditions **-150°C to -196°C**

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