

12Z | 305733

Description 12Z is a...
12Z is a...
12Z is a...

Organism *Escherichia coli*

Tissue *Escherichia coli*

Disease *Escherichia coli*

Synonyms 12Z, 12Z, Z12, Z-12, Z12 Eo, EEC12Z

Age 37 days

Gender Male

Morphology *Escherichia coli*

Cell type *Escherichia coli*

Citation 12Z (ATCC 305733)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0Q73

GMO Status GMO-S1: *Escherichia coli* SV40 T *Escherichia coli* pcDNA3.1

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Mutational profile

Culture Medium DMEM 4.5 g/l / 4 g/l 3.7 g/l NaHCO3 1.0 g/l (82000)

Supplements 10% FBS

Doubling time 31 h

Seeding density 1-3 x 10⁴ / cm²

Freeze medium (10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Resuspend cells in 10 ml of complete medium.
4. Seed cells into a T75 flask at 70% confluency.
5. Incubate cells for 15-18 hours.
6. Harvest cells at 300 x g for 3 minutes.
7. Resuspend cells in 10 ml of complete medium.
8. Seed cells into a T75 flask at 70% confluency.

Incubation Atmosphere 37°C, 5% CO2

Flask Coating Adherent

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Freezing Procedure [Redacted text] -78

Shipping Conditions [Redacted text] -78

Storage Conditions [Redacted text] -150 -196 [Redacted text]

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Sterility [Redacted text] (PCR) [Redacted text]
[Redacted text]