

Product sheet

EL4 | 300653

EL4

**Description** EL4 is a mouse T cell line derived from a 4-week-old C57BL/6N mouse. It is a CD3<sup>+</sup> CD4<sup>+</sup> T cell line that secretes IL-2 and interferon-γ. EL4 cells are used in various immunological assays, including T cell activation, proliferation, and cytokine production.

**Organism** Mouse

**Tissue** T cells

**Disease** T cell leukemia/lymphoma

**Applications** T cell activation, proliferation, cytokine production

**Synonyms** EL-4, EL 4, E.L.4

Characteristics

**Breed/Subspecies** C57BL/6N

**Age** 4-6 weeks

**Gender** Male

**Morphology** Lymphoblastoid

**Cell type** T cells

**Growth properties** Adherent

References

**Citation** EL4 (ATCC CCL 220) Cytion 300653

**Biosafety level** 1

**NCBI\_TaxID** 10090

**CellSaurusAccession** CVCL\_0255

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Cell Line

Antigen expression H-2b, Thy-1.2

Viruses MLV +, ... ( ... )

Karyotype ... = 39

Media

Culture Medium RPMI 1640, w: 2.0 mM ... w: 2.0 g/L NaHCO3 ( ... Cytion 820700a)

Supplements ... 10% FBS

Subculturing ... 10 ...

Fluid renewal 2 x 3 ...

Freeze medium ... ( ... FBS) + 10% DMSO ...

Thawing and Culturing Cells

- 1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...
8. ...

