

EL4 | 300653

General information

Description	EL4 is a murine T cell line derived from a 4-week-old male C57BL/6N mouse. It is a Th1 cell line that produces high levels of IFN-γ and IL-2. EL4 cells are used in various immunological assays, including T cell activation, proliferation, and cytokine production. EL4 cells are also used in the study of T cell differentiation and function. CD3 is a marker for T cells and is expressed on the surface of EL4 cells.
Organism	Murine
Tissue	Thymus
Disease	Leukemia/lymphoma (T cell leukemia)
Applications	Immunology, T cell activation, cytokine production, T cell differentiation
Synonyms	EL-4, EL 4, E.L.4

Characteristics

Breed/Subspecies	C57BL/6N
Age	4-6 weeks
Gender	Male
Morphology	Small, round, white
Cell type	Thymus T
Growth properties	Adherent

References and safety

Citation	EL4 (Cytion 300653)
Biosafety level	1
NCBI_TaxID	10090

CellosaurusAccession CVCL_0255

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Incubation
Atmosphere

37°C, 5%_{CO2}, 

Flask Coating



Freezing
Procedure

  -78°C

Shipping
Conditions

  -78°C

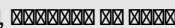
Storage
Conditions

  -150  196 

Sterility

 PCR 

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