

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

L5178Y TK+/- (clone 3.7.2C) (IVGT)

RRID:CVCL_4W65

Type: Cell Line

Proper Citation

RRID:CVCL_4W65

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4W65

Proper Citation: RRID:CVCL_4W65

Description: Cell line L5178Y TK+/- (clone 3.7.2C) (IVGT) is a Cancer cell line with a species of origin *Mus musculus* (Mouse)

Sex: Female

Disease: Mouse thymic lymphoma

Defining Citation: [PMID:27692294](#)

Comments: Biotechnology: Used for mutation assays to predict the carcinogenic potential of chemicals. Allows the quantitation of forward mutations at the thymidine kinase (TK) locus. These TK heterozygous cells are treated with a range of doses of the test substance. The cells are incubated, washed free of test substance and allowed time for the phenotypic expression of newly induced mutations (from parent cell line L5178Y TK+/- (clone 3.7.2C))., Part of: In Vitro Genetic Toxicity (IVGT) cell line panel.

Category: Cancer cell line

Organism: *Mus musculus* (Mouse)

Name: L5178Y TK+/- (clone 3.7.2C) (IVGT)

Synonyms: L5178Y tk+/- 3.7.2c (IVGT), L5178Y TK +/-3.7.2c (IVGT)

Cross References: ECACC:12080201, JCRB:JCRB0709.2, Wikidata:Q54901040

ID: CVCL_4W65

Hierarchy: cvcl_6665

Record Creation Time: 20220427T220715+0000

Record Last Update: 20260815T234440+0000

Ratings and Alerts

No rating or validation information has been found for L5178Y TK+/- (clone 3.7.2C) (IVGT).

No alerts have been found for L5178Y TK+/- (clone 3.7.2C) (IVGT).

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.