

NCCIT | 305080

Description	Human neuroblastoma cell line (NCCIT) derived from a 24-year-old male patient with a neuroblastoma tumor in 1985. The cell line is characterized by its ability to grow in neuroblastoma cell lines.
Organism	Human
Tissue	Neuroblastoma tumor tissue
Disease	Neuroblastoma
Synonyms	NCC-IT
Age	24 years
Gender	Male
Ethnicity	Not specified
Morphology	Epithelial
Growth properties	Adherent
Citation	NCCIT (ATCC CCL-1451) (ATCC CCL-1451 305080)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1451

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Culture Medium RPMI 1640 (2.0 mM L-glutamine) (2.0 mM/100 mM NaHCO₃ (Gibco 820700a (Gibco)))

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into fresh medium containing 10% FBS

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640 (2.0 mM L-glutamine) (2.0 mM/100 mM NaHCO₃ (Gibco 820700a (Gibco))) + 10% DMSO + 10% FBS

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Dilute cells into fresh medium containing 10% FBS.
 3. Seed cells into fresh medium containing 10% FBS.
 4. Seed cells into fresh medium containing 10% FBS.
 5. Seed cells into fresh medium containing 10% FBS.
 6. Seed cells into fresh medium containing 10% FBS.
 7. Seed cells into fresh medium containing 10% FBS.
 8. Seed cells into fresh medium containing 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Adherent cells

Freezing Procedure Seed cells into fresh medium containing 10% FBS

