Product sheet

4T1-Luc | 305663

[redacted]

Description	4T1-Luc [redacted] murine 4T1 [redacted] (BLI) [redacted] 4T1-Luc [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]

[redacted]

Breed/Subspecies	BALB/cfC3H
Gender	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	4T1-Luc ([redacted] Cytion 305663)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_J239
GMO Status	GMO-S1: This cell line contains a stably integrated firefly luciferase reporter cassette (Luc2, codon-optimized) introduced via replication-incompetent lentiviral transduction. The resulting polyclonal cell population was maintained under puromycin selection (1–5 µg/mL). S1 containment is required. This classification applies only within Germany and may differ elsewhere.

[redacted]

[redacted] 4T1-Luc | 305663

Antigen expression	[redacted]
Tumorigenic	[redacted] BALB/c
MSI-status	[redacted]: "[redacted]"

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 [redacted]/[redacted] NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] FBS 10%
Dissociation Reagent	[redacted]
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Seeding density	1 [redacted] 3 x 10^4 [redacted]/[redacted]^2
Fluid renewal	2 [redacted] 3 [redacted]
Freeze medium	[redacted] + 10% DMSO [redacted]

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Thawing and Culturing Cells

1. [redacted]
2. [redacted] cryovial [redacted] -150 [redacted]
3. [redacted] 37 [redacted]
4. [redacted] 70%
5. [redacted] 15 [redacted]
6. [redacted] 200 x g [redacted] 5 [redacted]
7. [redacted]

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted]