K-562-GFP | 305948

[redacted]

Description	[redacted] K-562-GFP [redacted] (CML) [redacted] activity) [redacted] K-562 [redacted] [redacted] (GFP) [redacted] K-562 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]

[redacted]

Age	53 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Cell type	[redacted]
Growth properties	[redacted]

[redacted]

Citation	K562-GFP ([redacted] Cytion 305948)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1G55

[redacted] K-562-GFP | 305948

GMO Status	GMO-S1: This cell line contains a stably integrated ZsGreen1 green fluorescent protein reporter 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]

Protein expression	[redacted]
Antigen expression	ZsGreen1 (green fluorescent protein)
Mutational profile	[redacted]: p.Gln136fs*13, [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] 5 x 10
Seeding density	0.3 [redacted] 1 x 10^6 [redacted]/[redacted]
Fluid renewal	2 [redacted] 3 [redacted]
Freeze medium	[redacted] + 10% DMSO [redacted]

K-562-GFP | 305948

Thawing and Culturing Cells	1. [illegible] 2. [illegible] cryovial [illegible] -150 [illegible] 3. [illegible] 37 [illegible] 4. [illegible] 70% 5. [illegible] 15 [illegible] 6. [illegible] 200 x g [illegible] 5 [illegible] 7. [illegible]
Incubation Atmosphere	37°C, 5% $_{CO2}$, [illegible]
Shipping Conditions	[illegible]
Storage Conditions	[illegible] −150 [illegible] −196 °C [illegible]

[illegible]