Product sheet

K-562-GFP | 305948

Description	K-562-GFP (CML) (CML) K-562 . K-562 K-562 (GFP) . K-562-GFP ,
Organism	
Tissue	
Disease	

Age	53
Gender	
Ethnicity	
Morphology	
Cell type	
Growth properties	

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

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.

Protein expression	GFP
Antigen expression	ZsGreen1 (green fluorescent protein)
Mutational profile	: p.Gln136fs*13,

Culture Medium	RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)
Supplements	10% FBS
Dissociation Reagent	
Subculturing	. 5 x 10^5 /ml , 3 x 10^5 ~ 1 x 10^6 /ml .
Seeding density	0.3~1×10^6 /ml
Fluid renewal	2~3
Freeze medium	+ 10% DMSO .

K-562-GFP | 305948

Thawing and Culturing Cells

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 200 x g 5 .
7.

Incubation Atmosphere

37°C, 5% $_{CO2}$, .

Shipping Conditions

-78°C . .

Storage Conditions

-150°C -196°C . 80°C .