



Certificate of Analysis

Summary

Field	Value
type	CoA
generated_at	1764257071
filename	CoA_BIH005-A_MB01_1764257071_2.docx
sha256	abdc83a5b56844f18d8808ccff4adeedb073cce15ae90ae4e906619b5c54d7c3

meta

Field	Value	Field	Value
cell_line	BIHi005-A	bank_id	MB01
passage	29	freeze_date	2023-10-30
hpscreg_link	https://hpscreg.eu/cell-line/BIHi005-A-1M	alt_name	BIHi005-A TSC2_AA Cl.34
donor	Male, 25-29	genetic_variant	1364, 1365 SS to AA, heart defects
freezing_method	Bambanker	medium	E8
coating	Geltrex	edited	Yes
reference_url	https://hpscreg.eu/cell-line/BIHi005-A	report_date	2025-11-27
signatory	M. Wendt		

tests

Field	Value	Field	Value
myco_method	IDEXX BioAnalytics RealTime-PCR	myco_result	Pass
bact_method	4 days culture in antibiotic-free medium	bact_result	Pass
morph_result	Pass	pluri_method	IF / FACS
pluri_result	not done	tri_method	Spontaneous / Directed

Field	Value	Field	Value
tri_result	not done		

karyotype

Field	Value
platform	Illumina Infinium GSA-24
summary	No major structural aberration detected (compared to Parental line)
vs_parental	Karyotype matches Parental Cell Line

str_analysis

Field	Value
method	Promega GenePrint 10
result	Pass
match_primary	Identical to profile of primary cells