

Certificate of Analysis

Summary

Field	Value
type	CoA
generated_at	1761992082
filename	CoA_BIHi005-A-100_MB02_1761992082_3.docx
sha256	b08dfe514b5bd36345dc52f3e339d8bee7dbe95ef490ea74ee5ee1e869313510

meta

Field	Value
cell_line	BIHi005-A-100
bank_id	MB02
passage	29
freeze_date	2023-10-30
hpscreg_link	https://hpscreg.eu/cell-line/BIHi005-A-99
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	2025-11-01
signatory	M. Wendt

tests

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

Field	Value
pluri_method	IF / FACS
pluri_result	not done
tri_method	Spontaneous / Directed
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