

# Certificate of Analysis

## Summary

Field	Value
type	CoA
generated_at	1761992005
filename	CoA_BIH005-A-99_MB01_1761992005_2.docx
sha256	5aab6164165964e81990c23f18e32a44cac847f2dd86a5fef19b2c70f03b78c7

## meta

Field	Value
cell_line	BIHi005-A-99
bank_id	MB01
passage	29
freeze_date	2023-10-30
hpscreg_link	<a href="https://hpscreg.eu/cell-line/BIHi005-A-99">https://hpscreg.eu/cell-line/BIHi005-A-99</a>
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	<a href="https://hpscreg.eu/cell-line/BIHi005-A">https://hpscreg.eu/cell-line/BIHi005-A</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