

# Certificate of Analysis

## Summary

Field	Value
<b>type</b>	CoA
<b>generated_at</b>	1761991717
<b>filename</b>	CoA_BIHi005-A-99_MB02_1761991717_2.docx
<b>sha256</b>	b8c911a6d37a80863a89e267a557e5bc54ef3c89b37f5c6ae98a99 2ecc37852a

## meta

Field	Value
<b>cell_line</b>	BIHi005-A-99
<b>bank_id</b>	MB02
<b>passage</b>	29
<b>freeze_date</b>	2023-10-30
<b>hpscreg_link</b>	<a href="https://hpscreg.eu/cell-line/BIHi005-A-99">https://hpscreg.eu/cell-line/BIHi005-A-99</a>
<b>alt_name</b>	BIHi005-A TSC2_AA Cl.34
<b>donor</b>	Male, 25-29
<b>genetic_variant</b>	1364, 1365 SS to AA, heart defects
<b>freezing_method</b>	Bambanker
<b>medium</b>	E8
<b>coating</b>	Geltrex
<b>edited</b>	Yes
<b>reference_url</b>	<a href="https://hpscreg.eu/cell-line/BIHi005-A">https://hpscreg.eu/cell-line/BIHi005-A</a>
<b>report_date</b>	2025-11-01
<b>signatory</b>	M. Wendt

## tests

Field	Value
<b>myco_method</b>	IDEXX BioAnalytics RealTime-PCR
<b>myco_result</b>	Pass
<b>bact_method</b>	4 days culture in antibiotic-free medium
<b>bact_result</b>	Pass
<b>morph_result</b>	Pass

Field	Value
<b>pluri_method</b>	IF / FACS
<b>pluri_result</b>	not done
<b>tri_method</b>	Spontaneous / Directed
<b>tri_result</b>	not done

## karyotype

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

## str\_analysis

Field	Value
<b>method</b>	Promega GenePrint 10
<b>result</b>	Pass
<b>match_primary</b>	Identical to profile of primary cells

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