

Cell line name	BIHi329-A
Bank ID	MB01
Passage No.	11
Date of testing	26.06.2026
Protocol	7.03.0 Validation of pluripotency capacity by Trilineage differentiation with Miltenyi kit

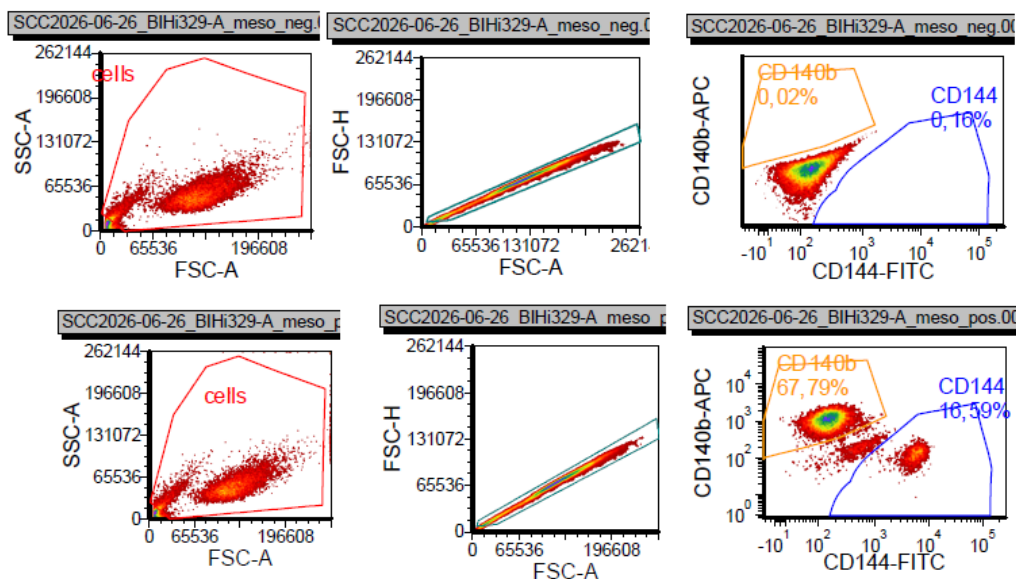
Method

The Test was performed regarding the StemMACS Trilineage Differentiation Kit, human (MACS Miltenyi Biotec, Cat-No. 130-115-660). The 7-day assay enables direct differentiation of pluripotent stem cells into ecto-, meso and endoderm. The resulting cell population was measured by FACS analysis.

Result

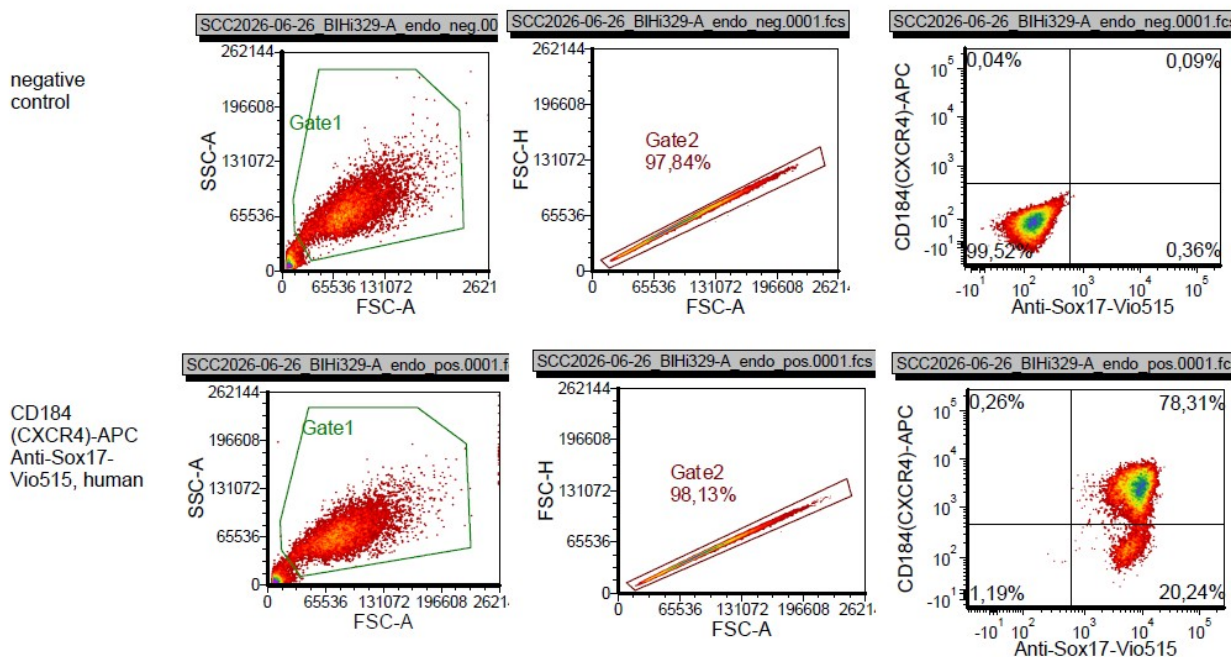
20260626 Trilineage with BIHi329-A MB01 p11 mesoderm differentiation with Miltenyi kit

negative control

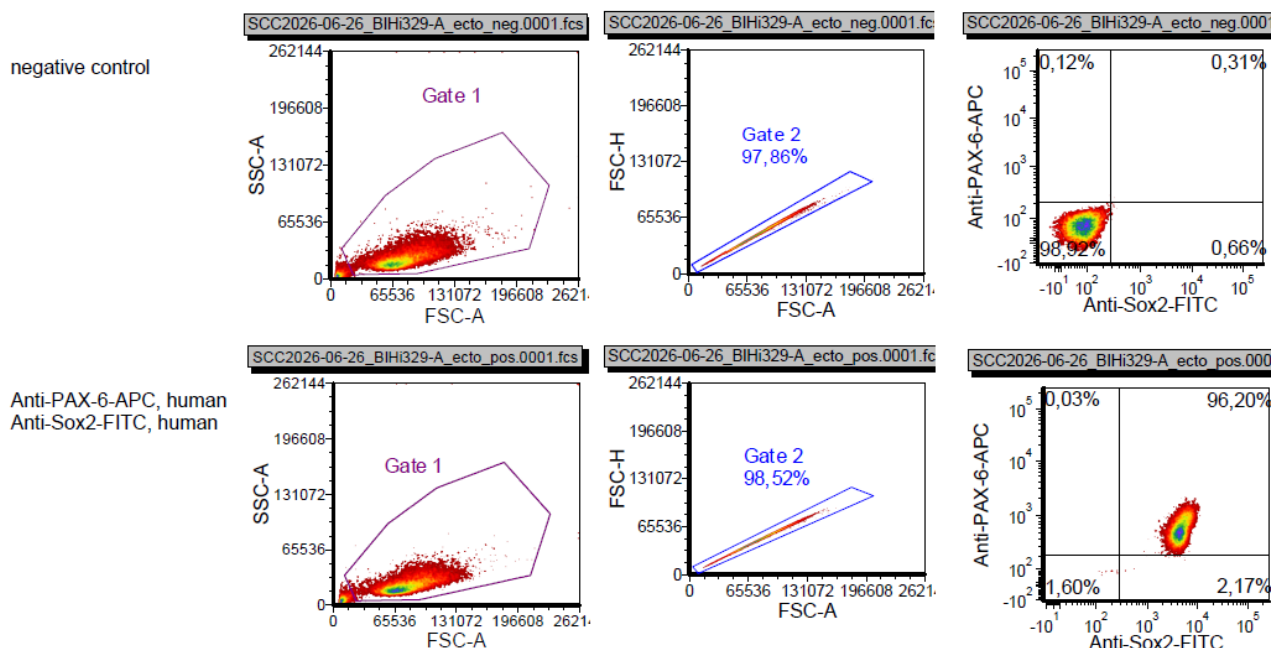


CD140b-APC, human
CD144(VE-Cadherin)-
FITC, human

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20260626 Trilineage with BIHi329-A MB01 p11 ectoderm differentiation with Miltenyi kit



Conclusion

The cell line shows potency to differentiate into mesoderm, ectoderm and endoderm lineages. The lineage markers CD140b, CD144 (Mesoderm), Sox2, Pax6 (Ectoderm) and Sox17, CD184 (Endoderm) showed positive FACS results.

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