

## Certificate



This is to certify that the **human embryonic stem cell line (KIE019-A)** has been registered in the European Human Pluripotent Stem Cell Registry (hPSCreg):

<https://hpscrag.eu/cell-line/KIE019-A>

<input type="checkbox"/> Type cell line	:	Human embryonic stem cell
<input type="checkbox"/> hPSCreg name	:	KIE019-A
<input type="checkbox"/> Other name	:	HS401
<input type="checkbox"/> Provider	:	Karolinska Institutet - Stem Cell Laboratory
<input type="checkbox"/> Country	:	Sweden
<input type="checkbox"/> Derivation date	:	2005-05-12
<input type="checkbox"/> Disease	:	Unknown
<input type="checkbox"/> Evidence of Pluripotency	:	Yes
<input type="checkbox"/> Evidence for Ethical Provenance provided	:	Yes

The registered information provides evidence that:

- The line has been derived with full informed consent of the donor
- No undue inducement has been provided for donation
- The embryo was not generated solely for research purposes

The Registry confirms that line KIE019-A complies to the rules set by the European Commission for funding of research with human embryonic stem cells.

Date 28.4.2020  
Andreas Kurtz  
hPSCreg Coordinator

This document was issued electronically and is valid without signature.