

**CERTIFICATE OF ANALYSIS**

**Product Code:** MM-HSE-2305  
**Product:** Human Sertoli Cells

**Lot Number:** 230501081  
**Manufacture Date:** 02-Jan-2008

**TEST (Method)**

**SPECIFICATIONS**

	Min.	Max.	Results
Donor Screen Information:			
Age	***	***	23 Y
Sex	***	***	MALE
Race	***	***	C
Cell Type	***	***	PRIMARY SERTOLI
Date of Cryopreservation	***	***	02 JAN 2008
Cell Passage Frozen			3
Viability-Tryp.Blue Exclusion	>= 70%	***	91,00 %
Cell Count (cells/amp)	>= 500,000	***	538000
Total Population Doublings	>= 8	***	11
Seeding Efficiency	>=50%	***	83 %
Doubling Time (days)	2.0	5.0	3,5 Days
SOX9 (FACS)	70	100	97 %
GATA4 (FACS)	70	100	98 %
Sterility	Negative	Negative	Negative
Direct Plating (Mycoplasma)	***	***	Negative
Hoechst Stain Procedure	***	***	Negative
Virus Testing:			
HSV Test	***	***	Not detected
HBV Test	***	***	Not detected
HCV Test	***	***	Not detected

Details concerning the use of our cell and media products can be downloaded from our website at [www.lonza.com/cell-protocols](http://www.lonza.com/cell-protocols).

This lot has been reviewed by Quality Assurance in compliance with requirements of Lonza's Quality System.  
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