

Theiler Stage (Scale in microns)	Embryonic age in Days Post Coitum (dpc)	Stage characteristic	Cell characteristics	Zona pellucida	Location/ changes in site
1	0-0.9 (range 0-0.25)	One-celled embryo (fertilized)	One cell	Present	
2	1 (range 1-2.5)	Dividing egg	2-4 cells - 1 st cleavage after 24hrs	Present	
3	2 (range 1-3.5)	Morula (early to fully compacted)	4-16 cells	Present	Oviduct. Usually near utero-tubal junction.
4	3 (range 2-4)	Change from Morula to Blastocyst -Intra-cellular matrix -Blastocoelic cavity evident	16-40 compacted cells -Inner cell mass -Outer layer of trophectoderm cells	Present	Uterine lumen
5	4 (range 3-5.5)	Zona free Blastocyst		Absent	Uterine lumen

