

Product Details

Summary

Product Name	MDBK bovine kidney cells
Organism	Cattle
Age (Gender)	Adult cow
Tissue	kidney
Culture Properties	Adherent growth
Morphology	Epithelial-like
Background	MDBK cells were established by S • H • Madin and N • B • Darby from an apparently normal adult cow kidney on February 18, 1957. In 1973, this MDBK cell was infected with bovine viral dysentery virus (BVDV); in 1982, a non-BVDV-infected MDBK cell line was discovered. This cell was originally from the 96th generation cryopreservation tube of ATCC in July 1967 . The progeny of MDBK cells were tested by NVSL and found no evidence of any virus contamination. In August 1982, when R • A • Van Deusen provided MDBK to ATCC, it was passaged to the 110th generation; MDBK cells were not infected by BVDV
Shipping	Transport at room temperature.
Note	For research use only.

Culture Method

Growth Medium	RPMI-1640 + 10% FBS + 1% P/S
Subculturing	Recommendation 1: 2-1: 3 Passage
Culture Condition	Gas phase: air, 95%; CO ₂ , 5% temperature: 37 ° C incubator humidity 70% -80%
Cryopreservation Condition	Recommend 92% FBS + 8% DMSO (serum concentration is not lower than 30%, DMSO content is not higher than 12%)

