



株式会社 ケー・イー・シー

KAC

Cat. No. DSIU002

## Vero (kidney, African green monkey, *Cercopithecus aethiops*)

Culture Medium :

MEM · E + 10% FBS

Cell line description :

The Vero cell line was initiated from the kidney of a normal adult African green monkey on March 27, 1962, by Y. Yasumura and Y. Kawakita at the Chiba University in Chiba, Japan (Nippon Rinsho 21: 1209, 1963).

The Vero cell line has been employed extensively in virus replication studies and plaque assays. The cell line has been useful for assay of SV-40, SV-5, measles, arboviruses, reoviruses, rubella, simian adenoviruses and polioviruses (Kitasato Arch. Exp. Med. 37:27, 1964; Bact. Proc., P.112, 1965; Proc. Soc. Exp. Bio. Med. 125: 119, 1967; *ibid.*, 125: 602, 1967; *ibid.*, 125: 636, 1967; *ibid.*, 125: 741, 1967; *ibid.*, 127: 642, 1968; Nature(Lond.) 216: 271, 1967; Arch. Gesamte Virusforsch. 21: 155-169, 1967; *ibid.*, 21: 243-252, 1967).

Freeze Medium : Culture medium + 10% DMSO

Morphology : Fibroblast-like

Split Ratio : 1:2 – 1:6

Virus Susceptibility : Simian Adenovirus, Dengue Virus, Herpes Simplex Virus, Varicella Zoster Cytomegalovirus, Measles Virus, Mumps Virus, Respiratory Syncytial Virus, Newcastle Disease Virus, Canine Distemper Virus, Simian Virus Type5, Subacute Sclerosing Panencephalitis Virus, Simian Virus Type40, Poliovirus Type3, Coxsackie TypeB, Echovirus, Reovirus Type1, Reovirus Type2, Reovirus Type3, Rubella Virus

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