

LAMPIRAN

Tabel 1. Patogenesis Beberapa Jenis Virus

Disease	Common Site of Implantation	Route of Spread	Target Organ(s)	Site of Shedding
Poliomyelitis	Alimentary tract	Blood (nerves)	Central nervous system	Alimentary tract
Hepatitis A	Alimentary tract	Blood	Liver	Alimentary tract
AIDS	Injection, trauma, mother	Blood	Immune system, brain	Blood, semen
Kuru	Alimentary tract	Blood	Brain	Brain (transmitted by ingestion)
Rubeola	Respiratory tract	Blood	Skin, lymph nodes, fetus	Respiratory tract, excrete in newborn
Measles	Respiratory tract	Blood	Skin, lungs, brain	Respiratory tract
Chickenpox	Respiratory tract	Blood, nerves (to site of latency)	Skin, lungs	Respiratory tract, skin
Herpes simplex type 1				
Acute	Respiratory tract	Nerves, leukocytes	Many (e.g., brain, liver, skin)	Respiratory tract, epithelial surfaces
Recurrent	Ganglion	Nerves (to site of latency)	Skin, eye	Skin, eyes
Rabies	Subcutaneously (bite)	Nerves	Brain	Salivary glands
Arbovirus infection	Subcutaneously (bite)	Blood	Brain and others	Lymph and blood (via insect bite)
Hepatitis B	Penetration of skin	Blood	Liver	Blood
Herpes simplex type 2	Genital tract	Nerves (to site of latency)	Genital tract	Genital tract

(Baron, Fons, Albrecht, 2001)

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Tabel 2. Taksonomi Virus

Asam Nukleat	Susunan Genom	Envelope	Struktur Fisik Asam Nukleat	Rantai (strand)	Colongan (family)	Contoh Virus
RNA	ICOSAHEDRAL	tidak memiliki envelope	SS tidak bersegmen	positif	PICORNA viridae	Corona Virus virus Polio virus Coxsackie A & B virus ECHO virus Hepatitis A virus Rhino Enterovirus (kelompok baru)
			SS tidak bersegmen	positif	CALICI viridae	virus Norwalk virus Hepatitis E (???)
			DS bersegmen (11) SS tidak bersegmen	rantai ganda positif	REO viridae TOGA viridae	Rota virus Mosquito borne encephalitis (WEE, EEE, VEE) Rubivirus (rubella)
		memiliki envelope	SS tidak bersegmen	positif	FLAVI viridae	virus Yellow Fever virus Dengue St. Louis encephalitis Japanese encephalitis virus Hepatitis C (???)
			SS tidak bersegmen	positif	CORONA viridae	Respiratory illness (cold) California encephalitis virus Rift Valley fever virus Sandfly fever virus Hantavirus
	HELICAL	memiliki envelope	SS bersegmen (3)	negatif	BUNYA viridae	virus Influenza (type A, B & C) virus Para-influenza Respiratory syncytial virus Mumps Measles
			SS bersegmen (8)	negatif	ORTHOMYXO viridae	Marburg virus (acute hemorrhagic fever) Ebola virus (acute hemorrhagic fever) Lymphocytic choriomeningitis virus Lassa virus
			SS tidak bersegmen	negatif	PARAMYXO viridae	Human immunodeficiency virus (HIV) tipe I dan II HTLV tipe I dan II
			SS tidak bersegmen SS tidak bersegmen	negatif negatif	RHABDO viridae FILO viridae	Erythema infectiosum Transient aplastic anemia crisis Human papilloma virus BK polyomavirus
			SS bersegmen (2)	negatif	ARENA viridae	JC polyomavirus
DNA	KOMPLEKS	memiliki lapisan (coat) yang kompleks	SS diploid (2 copy rantai DNA yang identik) SS linear	positif (RNA ditranskripsikan secara reverse menggunakan enzim reverse transcriptase)	RETRO viridae	Childhood respiratory illness ("cold") Epidemic keratoconjunctivitis virus Herpes simplex tipe 1 & 2 virus Varicella-zoster Cytomegalovirus Epstein-Barr virus Human Herpesvirus 6 (roseola)
			DS sirkuler		PARTO viridae	virus Hepatitis B Smallpox Vaccinia Molluscum contagiosum
	ICOSAHEDRAL	tidak memiliki envelope	DS sirkuler		PAPOMA viridae	
			DS linear		ADENO viridae	
		memiliki envelope	DS linear		HERPES viridae	
KOMPLEKS	KOMPLEKS	memiliki envelope yang kompleks	DS sirkuler		HEPADNA viridae	
			DS linear		POXY viridae	

(Gladwin, Trautler, 2003)

RIWAYAT HIDUP

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