Subject Index

Abortive infection, herpes simplex virus, and morphological transformation 164
Aleutian disease virus of mink, isolation in cell culture 129
Amphotropic wild mouse leukemia virus, naturally occurring 323
Antibody, IgM, rapid detection by immunoper-oxidase technique 257
response following hepatitis A virus infection 309
Antigenicity, Epstein-Barr-like virus from lymphoblastoid cell lines of baboons with lymphoid disease 240
Antigens, Epstein-Barr virus-associated, detection in single cells by autoradiography 226
Antisera, enterovirus equine, lyophilized combination pools for identification of field strains of group A coxsackievirus serotypes 172
Antiviral activity, bovine type II interferon, in heterologous cells 250
Arenavirus, Junin virus, rapid method for detection of viremia 360
ATP level, cellular, during earliest stages of rubella virus replication 100
Autoradiography, detection of Epstein-Barr virus-associated early antigens in single cells 226
Avian papillomavirus, identification and characterization 351
Baculoviruses, solid-phase radioimmuno-assay for polyhedron protein 117
Bovine type II interferon, activity in heterologous cells 250
B-tropic murine leukemia virus, propagation in N-type cells in the presence of different murine sarcoma viruses 319
Bunyaviridae family, possible inclusion of Crimean hemorrhagic fever virus and Congo virus 294
Calicivirus, San Miguel sea lion virus, characterization of new serotypes 30
Canine distemper virus-induced membrane alteration 218
Cell fusion, induced by canine distemper virus-infected cells and their plasma membranes 218
Cellular phospholipids, effect of virus infection and cycloheximide treatment on labeling 73
respiration and ATP level during earliest stages of rubella virus replication 100
Congo virus and Crimean hemorrhagic fever virus, similarity of physicochemical properties 294
Core particles, hepatitis B virus, biochemical and biophysical properties 336
Cowpea chlorotic mottle virus, effect of 2-thiouracil on synthesis 37
Coxsackievirus serotypes, group A, identification of field strains by lyophilized combination pools of enterovirus equine antisera 172
Crimean hemorrhagic fever virus, and Congo virus, similarity of physico-chemical properties 294
structure of virion 294
Crystals, formed during influenza/WSN virus infection in vitro 281
Cycloheximide treatment and virus infection, effect on labeling of cellular phospholipids 73
Cytomegalovirus, human, and herpesvirus hominis IgM antibody, rapid detection by immunoperoxidase technique 257

Subject Index
365

Cytoplasmic inclusions, formed during influenza/WSN virus infection in vitro 281
Polyhedrosis viruses, properties of two recent isolates 155
Dane particles, properties of hepatitis B core particles derived from 336
Defective genotype, herpes simplex virus, and increased transformation rate 164
DNA, herpes zoster virus, novel approach to study 272
DNA-binding proteins in polyoma virus-infected cells 44
Double-stranded RNA, detection in Semliki Forest virus-infected cells 110
Ecotropic wild mouse leukemia virus, naturally occurring 323
Enterovirus equine antisera, lyophilized combination pools for identification of field strains of group A coxsackievirus serotypes 172
Epstein-Barr virus-associated early antigens, detection in single cells by autoradiography 226
Epstein-Barr-like virus, from lymphoblastoid cell lines of baboons with lymphoid disease 240
Equine rhinoviruses, characterization of two serologically unrelated viruses 145
Fluorescent focus assay, for rabies sero-group viruses 92
‘Foamy’ virus, human, biological properties 204
Fowl plague virus infection and cycloheximide treatment, effect on labeling of cellular phospholipids 73
Glutaraldehyde-treated red blood cells for purification of Sendai virions 1
Hemadsorption-negative plaque test, for rabies serogroup viruses 92
Hepatitis A virus, antibody response following infection 309
B core particles, derived from Dane particles and infected hepatocytes, biochemical and biophysical properties 336
- viruses and antigens, terminology 65
Hepatocytes, properties of hepatitis B core particles derived from 336 Herpes simplex virus, polypeptides induced by type 1 and 2 strains 18
transformation of rat embryo fibroblasts by abortive infection 164
type 2, detection of specific thymidine kinase 186
Herpes zoster virus DNA, novel approach to study 272
Herpesvirus hominis and human cytomegalovirus IgM antibody, rapid detection by immunoperoxidase technique 257
Human syncytial (‘foamy’) virus, biological properties 204
IgM antibody, rapid detection by immunoperoxidase technique 257
Immunoperoxidase technique, rapid detection of human cytomegalovirus and herpesvirus hominis IgM antibody 257
Influenza/WSN virus, cytoplasmic inclusions formed during in vitro infection 281
Insect control programs, use of insect viruses as agents 68
Insect viruses, for biological control, ecological approach 68
properties of two isolates of cytoplasmic polyhedrosis virus 155
Interferon,
assay for, in Semliki Forest virus-infected cells 110
bovine type II, activity in heterologous cells 250
lododeoxyuridine induction of Venezuelan equine encephalitis virus in ‘cured’ cells 193
366
Subject Index

Japanese encephalitis virus, biological and immunological studies of two substrains 52
JC virus, human polyomavirus, specificity of tumor-specific transplantation antigen 182
Junin virus viremia, rapid method for detection 360
Leukemia viruses, wild mouse, characterization of purely ecotropic and ampho-tropic naturally
occurring isolates 323
Lyophilized combination pools, enterovirus equine antiserum, for identification of field strains of
group A coxsackievirus sero-types 172
Membrane alteration, canine distemper virus-induced 218
Mink, Aelutian disease virus of, isolation in cell culture 129
Mouse encephalomyocarditis virus infection and cycloheximide treatment, effect on labeling of
cellular phospholipids 73
Murine leukemia virus, B-tropic, propagation in N-type cells in the presence of different murine
sarcoma viruses 319
Murine sarcoma viruses, present during propagation of B-tropic murine leukemia virus 319
Newcastle disease virus infection and cycloheximide treatment, effect on labeling of cellular
phospholipids 73
Papillomavirus from birds (Fringillidae), identification and characterization 351
Papovaviridae, JC virus, specificity of tumor-specific transplantation antigen 182
Parvoviridae, possible inclusion of Aelutian disease virus of mink 129
Pest control programs, use of insect viruses as biological control agents 68
Phospholipids, cellular, effect of virus infection and cycloheximide treatment on labeling 73
Phosphonoacetic acid, effect on in vitro replication of varicella-zoster virus 83
Picornaviridae, characterization of sero-logically unrelated equine rhinoviruses 145
Plant viruses,
effect of 2-thiouracil on synthesis of two viruses in the same host 37
mixed infection by two tobamoviruses 60
Polyhedron protein from baculoviruses,
radioimmunoassay for 117 Polyomavirus,
--infected cells, comparison of DNA-binding proteins 44
- JC virus, specificity of tumor-specific
transplantation antigen 182
Polypeptides,
induced by herpes simplex virus types 1 and 2 18
Sendai virus, analysis by tryptic pep-tide mapping 122
Proteins, DNA-binding, in polyomavirus-infected cells 44
Rabies serogroup viruses, isolation and assay in CER cells 92 Radioimmunoassay,
for detection of double-stranded RNA and interferon activity in Semliki Forest virus-infected
cells 110
solid-phase, for baculovirus polyhedron protein 117
Red blood cells, glutaraldehyde-treated, for purification of Sendai virions 1
Replication, varicella-zoster virus, effect of phosphonoacetic acid 83
Respiration, cellular, during earliest stages of rubella virus replication 100
Rhinoviruses, equine, characterization of two serologically unrelated viruses 145
Rubella virus replication, cellular respiration and ATP level during earliest stages 100
San Miguel sea lion virus, characterization
of new serotypes 30 Sea lion virus, San Miguel, characterization
of new serotypes 30
Subject Index
367

Semliki Forest virus-infected cells, detection of double-stranded RNA 110
Sendai virions, purification with glutar-aldehyde-treated red blood cells 1
Sendai virus, structural polypeptides, analysis by trypic peptide mapping 122
Southern bean mosaic virus, effect of2-thio-uracil on synthesis 37
Substrains, Japanese encephalitis virus, biological and immunological studies 52
Sunnhemp mosaic virus, mixed infection with tobacco mosaic virus 60
Syncytial virus, human, biological properties 204
Terminology, hepatitis viruses and antigens 65
Thiouracil, effect on synthesis of cowpea chlorotic mottle virus and southern bean mosaic virus in the same host 37
Thymidine kinase, specific for herpes simplex virus type 2, detection of 186
Tobacco mosaic virus, mixed infection with sunnhemp mosaic virus 60
Tobamoviruses, mixed infection by tobacco mosaic and sunnhemp mosaic viruses 60
Transformation, rat embryo fibroblasts, by abortive herpes simplex virus infection 164
Transforming activity of Epstein-Barr-like virus from lymphoblastoid cell lines 240
Transplantation antigen, tumor-specific, induced by JC virus 182
Tryptic peptide mapping, analysis of structural polypeptides of Sendai virus 122
Tumor-specific transplantation antigen induced by JC virus, a human polyoma-virus 182
Varicella-zoster virus, effect of phosphono-acetic acid on in vitro replication 83
Venezuelan equine encephalitis virus, induction by iododeoxyuridine in ‘cured’ cells 193
Viremia, Junin virus, rapid method for detection 360
Virus-induced membrane alteration 218
Wild mouse leukemia viruses, characterization of purely ecotropic and amphi-tropic naturally occurring isolates 323