

Virus Name: Nasoule		Abbreviation: NASV
Status Possible Arbovirus	Select Agent No	SALS Level
SALS Basis		
Other Information		
Antigenic Group Ungrouped		

SECTION I - Full Virus Name and Prototype Number

Prototype Strain Number / Designation AnB 4289	Accession Number	Original Date Submitted 3/5/1986
Family Unclassified	Genus Unclassified	
Information From Arbovirus Reference Centre	Address Institut Pasteur, BP 220, Dakar, Senegal	
Information Footnote		

Section II - Original Source

Isolated By (name) P. Sureau and M. Germain	Isolated at Institute Bangui, Central African Republic	
Host Genus Andropadus virens	Species	Host Age/Stage
Sex Female		
<u>Isolated From</u>	<u>Isolation Details</u>	
Whole Blood		
Organs/Tissues		
Signs and Symptoms of Illness	Arthropod	
Time Held Alive before Inoculation		
Collection Method	Collection Date 9/16/1973	
Place Collected (Minimum of City, State, Country) Nasoule, Central African Republic		
Latitude 4° 20' N	Longitude 15° 50' E	
Macrohabitat Small village near Berberati town	Microhabitat Equatorial moist forest	Method of Storage until Inoculated
Footnotes		

Morphogenesis

Site of Constituent Formation in Cell	Site of Virion Assembly	Site of Virion Accumulation
Inclusion Bodies	Other	

Hemagglutination

Hemagglutination No	Antigen Source SMB ext. by sucrose-acetone	Erythrocytes (species used) Goose
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pH Range 5.7-7.0	pH Optimum
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Temperature Range	Temperature Optimum Room temperature
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Remarks

Serologic Methods Recommended
CF, NT

Footnotes

Section V - Antigenic Relationship and Lack of Relationship to Other Viruses

CF test: homologous titer = 256/16.

J.P. Digoutte and G. Heme, Institut Pasteur Dakar.

Immune ascitic fluid and/or newborn mouse antigen failed to react with 205 different viruses of the Arbovirus Reference Center.

Results indicate that AnB 4289 apparently is a new virus.

Section VI - Biologic Characteristics

Virus Source (all VERTEBRATE isolates)

Lab Methods of Virus Recovery (ALL ISOLATIONS)

Cell system (a)	Virus passage history (b)	Evidence of Infection						
		CPE			PLAQUES			Growth Without CPE +/- (g)
		Day (c)	Extent (d)	Titer TCD50/ml (e)	Day (c)	Size (f)	Titer PFU/ml (e)	
Vero (CL)	SM 4		No CPE			No Plaques		

Section VII - Natural Host Range (Additional text can be added below table)

Vertebrate (species and organ) and arthropod	No. isolations/No. tested	No. with antibody/No. tested Test used	Country and region
Andopadus virens (bird; blood)	1		Nasoule, Central African Republic (1)

Section XI - Human Disease

In Nature	Residual	Death
Subclinical	Overt Disease	
Clinical Manifestations		
Number of Cases	Category (i.e. febrile illness, etc.)	

Section XII - Geographic Distribution

Known (Virus detected) Central African Republic
Suspected (Antibody only detected)

Section XIII - References

1. Sureau, P. Institut Pasteur Bangui Annual Report, 1974. P. 37.

Remarks

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