

DPCC Data Dictionary v1.3

Status	Name and Description	Notation	Example Entry	Entry Type	Applicable Fields	Ontology Reference	Comments
Assays							
Accepted	viral hemagglutination assay	HA	HA/HA	Assay	Influenza_Test_Type	Ontology for Biomedical Investigations	Changed to HA following community feedback.
Accepted	viral hemagglutination inhibition assay	HI	HI/HA HI/antibody	Assay	Influenza_Test_Type	Ontology for Biomedical Investigations	Change was proposed to the authors of the Ontology for Biomedical Investigations.
Accepted	viral neuraminidase inhibition assay	NI	NI/NA NI/antibody	Assay	Influenza_Test_Type	National Cancer Institute Thesaurus	Revised abbreviation for consistency with 'HI'.
Accepted	96-well microneutralization assay	MNA	MNA/HA MNA/antigen	Assay	Influenza_Test_Type	Ontology for Biomedical Investigations	
Accepted	Virus isolation	VI	VI/MDCK VI/ECE	Assay	Influenza_Test_Type	Current Procedural Terminology	
Accepted	Enzyme-Linked ImmunoSorbent Assay	ELISA	ELISA/HA ELISA/NP ELISA/antigen ELISA/antibody	Assay	Influenza_Test_Type	Ontology for Biomedical Investigations	
Accepted	real time reverse-transcription polymerase chain reaction assay	RRT-PCR	RRT-PCR/MP RRT-PCR/HA RRT-PCR/H1	Assay	Influenza_Test_Type	Ontology for Biomedical Investigations	
Accepted	reverse transcribed polymerase chain reaction	RT-PCR	RT-PCR/MP RT-PCR/HA RT-PCR/H1	Assay	Influenza_Test_Type	Ontology for Biomedical Investigations	
Accepted	DNA Sequencing	Nucleotide sequencing	Nucleotide sequencing/HA Nucleotide sequencing/NA Nucleotide sequencing/multiple genes	Assay	Influenza_Test_Type	Ontology for Biomedical Investigations	
Accepted	Rapid Antigen Test	RAT	RAT/antigen	Assay	Influenza_Test_Type	National Cancer Institute Thesaurus	
Accepted	Avian Influenza Virus Antibody Test Kit	AIV-AB-ELISA-KIT	AIV-AB-ELISA-KIT/antibody	Assay	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
Accepted	Electrospray ionization mass spectrometry	ESI-MS	ESI-MS/multiple genes	Assay	Influenza_Test_Type	Eagle-I Research Resource Ontology	
Accepted	Fluorescent immunoassay	IFA	IFA/NP	Assay	Influenza_Test_Type	Systematized Nomenclature of Medicine - Clinical Terms	
Accepted	Enzyme-linked lectin assay	ELLA	ELLA/antibody	Assay	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
Accepted	Blocking Enzyme-Linked ImmunoSorbent Assay	bELISA	bELISA/antibody	Assay	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
Accepted	Unknown	U	U/U	Assay	Influenza_Test_Type	N/A	

Analytes

General Analytes							
Accepted	Antigen - If selected as the Analyte, the Assay tests for presence of viral antigens, including whole virus, inactivated virus, or viral proteins.	antigen	ELISA/antigen	Analyte	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
Accepted	Multiple genes - If selected as the Analyte, the Assay tests for presence of influenza sequence in two or more genes or gene segments.	multiple genes	sequencing/multiple genes ESI-MS/multiple genes	Analyte	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
Accepted	Antibody - If selected as the Analyte, the Assay tests for presence of influenza-specific antibodies in serum.	antibody	ELISA/antibody	Analyte	Influenza_Test_Type	Systematized Nomenclature of Medicine - Clinical Terms	

Genes of influenza virus							
Accepted	Influenza A virus segment 1	PB2	RRT-PCR/PB2	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza A virus segment 2	PB1	RRT-PCR/PB1	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza A virus segment 3	PA	RRT-PCR/PA	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza A virus segment 4	HA	RRT-PCR/HA	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza A virus segment 5	NP	RRT-PCR/NP	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza A virus segment 6	NA	RRT-PCR/NA	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza A virus segment 7	MP	RRT-PCR/MP	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza A virus segment 8	NS	RRT-PCR/NS	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 1	PB1	RRT-PCR/PB1	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 2	PB2	RRT-PCR/PB2	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 3	PA	RRT-PCR/PA	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 4	HA	RRT-PCR/HA	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 5	NP	RRT-PCR/NP	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 6	NA	RRT-PCR/NA	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 7	MP	RRT-PCR/MP	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza B virus segment 8	NS	RRT-PCR/NS	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza C virus segment 1	PB2	RRT-PCR/PB2	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza C virus segment 2	PB1	RRT-PCR/PB1	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza C virus segment 3	P3	RRT-PCR/P3	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza C virus segment 4	HE	RRT-PCR/HE	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza C virus segment 5	NP	RRT-PCR/NP	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza C virus segment 6	MP	RRT-PCR/MP	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza C virus segment 7	NS	RRT-PCR/NS	Analyte	Influenza_Test_Type	NCBI Influenza Virus Database	
Accepted	Influenza D virus segment 1	PB2	RRT-PCR/PB2	Analyte	Influenza_Test_Type	Influenza Research Database	
Accepted	Influenza D virus segment 2	PB1	RRT-PCR/PB1	Analyte	Influenza_Test_Type	Influenza Research Database	
Accepted	Influenza D virus segment 3	P3	RRT-PCR/P3	Analyte	Influenza_Test_Type	Influenza Research Database	
Accepted	Influenza D virus segment 4	HE	RRT-PCR/HE	Analyte	Influenza_Test_Type	Influenza Research Database	
Accepted	Influenza D virus segment 5	NP	RRT-PCR/NP	Analyte	Influenza_Test_Type	Influenza Research Database	
Accepted	Influenza D virus segment 6	P42	RRT-PCR/P42	Analyte	Influenza_Test_Type	Influenza Research Database	
Accepted	Influenza D virus segment 7	NS	RRT-PCR/NS	Analyte	Influenza_Test_Type	Influenza Research Database	

Protein-coding genes of influenza virus						
Accepted	BM2 matrix protein 2	BM2		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	viral matrix protein	CM1		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	surface glycoprotein	CM2		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	hemagglutinin	HA		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	hemagglutinin-esterase protein	HE		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	matrix protein 1	M1		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	matrix protein 2	M2		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	M42 protein	M42		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	neuraminidase	NA		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	NB protein	NB		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	nucleocapsid protein	NP		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	nonstructural protein 1	NS1		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	nonstructural protein 2	NS2		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	NS3 protease/helicase	NS3		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	RNA polymerase subunit P3	P3		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	P42 protein	P42		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	RNA polymerase subunit PA	PA		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	PA-N155 protein	PA-N155		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	PA-N182 protein	PA-N182		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	endonuclease PA-X	PA-X		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	RNA polymerase subunit PB1	PB1		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	virulence protein PB1-F2	PB1-F2		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Accepted	PB1-N40 protein	PB1-N40		Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	RNA polymerase subunit PB2	PB2		Analyte	Influenza_Test_Type	Ontology of Genes and Genomes
Subtypes of influenza virus						
Accepted	Influenza A virus hemagglutinin H1 subtype	H1	RRT-PCR/H1	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H2 subtype	H2	RRT-PCR/H2	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H3 subtype	H3	RRT-PCR/H3	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H4 subtype	H4	RRT-PCR/H4	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H5 subtype	H5	RRT-PCR/H5	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H6 subtype	H6	RRT-PCR/H6	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H7 subtype	H7	RRT-PCR/H7	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H8 subtype	H8	RRT-PCR/H8	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H9 subtype	H9	RRT-PCR/H9	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H10 subtype	H10	RRT-PCR/H10	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H11 subtype	H11	RRT-PCR/H11	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H12 subtype	H12	RRT-PCR/H12	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H13 subtype	H13	RRT-PCR/H13	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H14 subtype	H14	RRT-PCR/H14	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H15 subtype	H15	RRT-PCR/H15	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H16 subtype	H16	RRT-PCR/H16	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H17 subtype	H17	RRT-PCR/H17	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus hemagglutinin H18 subtype	H18	RRT-PCR/H18	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N1 subtype	N1	RRT-PCR/N1	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N2 subtype	N2	RRT-PCR/N2	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N3 subtype	N3	RRT-PCR/N3	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N4 subtype	N4	RRT-PCR/N4	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N5 subtype	N5	RRT-PCR/N5	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N6 subtype	N6	RRT-PCR/N6	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N7 subtype	N7	RRT-PCR/N7	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N8 subtype	N8	RRT-PCR/N8	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N9 subtype	N9	RRT-PCR/N9	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus neuraminidase N10 subtype	N10	RRT-PCR/N10	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza A virus subtype	H[1-18]N[1-11]	ELISA/H5N1	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza B virus hemagglutinin B/Victoria lineage	HA-B-Vic	RRT-PCR/HA-B-Vic	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza B virus hemagglutinin B/Yamagata lineage	HA-B-Yam	RRT-PCR/HA-B-Yam	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza B virus neuraminidase B/Victoria lineage	NA-B-Vic	RRT-PCR/NA-B-Vic	Analyte	Influenza_Test_Type	Influenza Research Database
Accepted	Influenza B virus neuraminidase B/Yamagata lineage	NA-B-Yam	RRT-PCR/NA-B-Yam	Analyte	Influenza_Test_Type	Influenza Research Database

Other							
Accepted	Unknown	U	RT-PCR/U	Analyte	Influenza_Test_Type	N/A	
Hosts							
Accepted	Madin-Darby canine kidney cells	MDCK	VI/MDCK	Analyte	Influenza_Test_Type	Cell Line Ontology	
		C	C2	Host	Passage_History		
Accepted	primary monkey kidney cells	PMK	VI/PMK	Analyte	Influenza_Test_Type	Cell Line Ontology	Correction requested to remove the term 'immortal'.
		M	M2	Host	Passage_History		
Accepted	embryonated chicken eggs	ECE	VI/ECE	Analyte	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
		E	E2	Host	Passage_History		
Accepted	Vero cells	VERO	VI/VERO	Analyte	Influenza_Test_Type	Cell Line Ontology	
			VERO2	Host	Passage_History		
Accepted	Madin-Darby canine kidney cells (MDCK) over expressing α -2,6-Sialyltransferase (SIAT)	MDCK-SIAT	VI/MDCK-SIAT	Analyte	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
		S	S2	Host	Passage_History		
Accepted	Mouse (whole organism)	Mouse	VI/Mouse	Analyte	Influenza_Test_Type	N/A	Derived from user data. No ontology reference.
			Mouse2	Host	Passage_History		