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# Influenza A Virus

National Cancer Institute

## Source

National Cancer Institute. *Influenza A Virus*. NCI Thesaurus. Code C53454.

A negative-strand linear single-strand RNA virus with an 8 segment genome. Virions are enveloped and usually spherical or pleomorphic, 80-120 nm in diameter. Subtyping is based on the antigenic properties of the hemagglutinin and neuraminidase proteins. Influenza type A viruses can infect people, birds, pigs, horses, and other animals, but wild birds are the natural hosts for these viruses.