Abstract of the Disclosure

Monoclonal Antibodies Specific to Hemagglutinin and Neuraminidase from Influenza Virus H5-Subtype or N1-Subtype and Uses Thereof

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of avian influenza virus (AIV) are provided. The monoclonal antibodies and related binding proteins are useful for the detection of H5 and N1 subtypes of AIV, including H5N1 subtypes and provide means for the diagnosis, surveillance and treatment of dangerous viral infections.

Figure 1