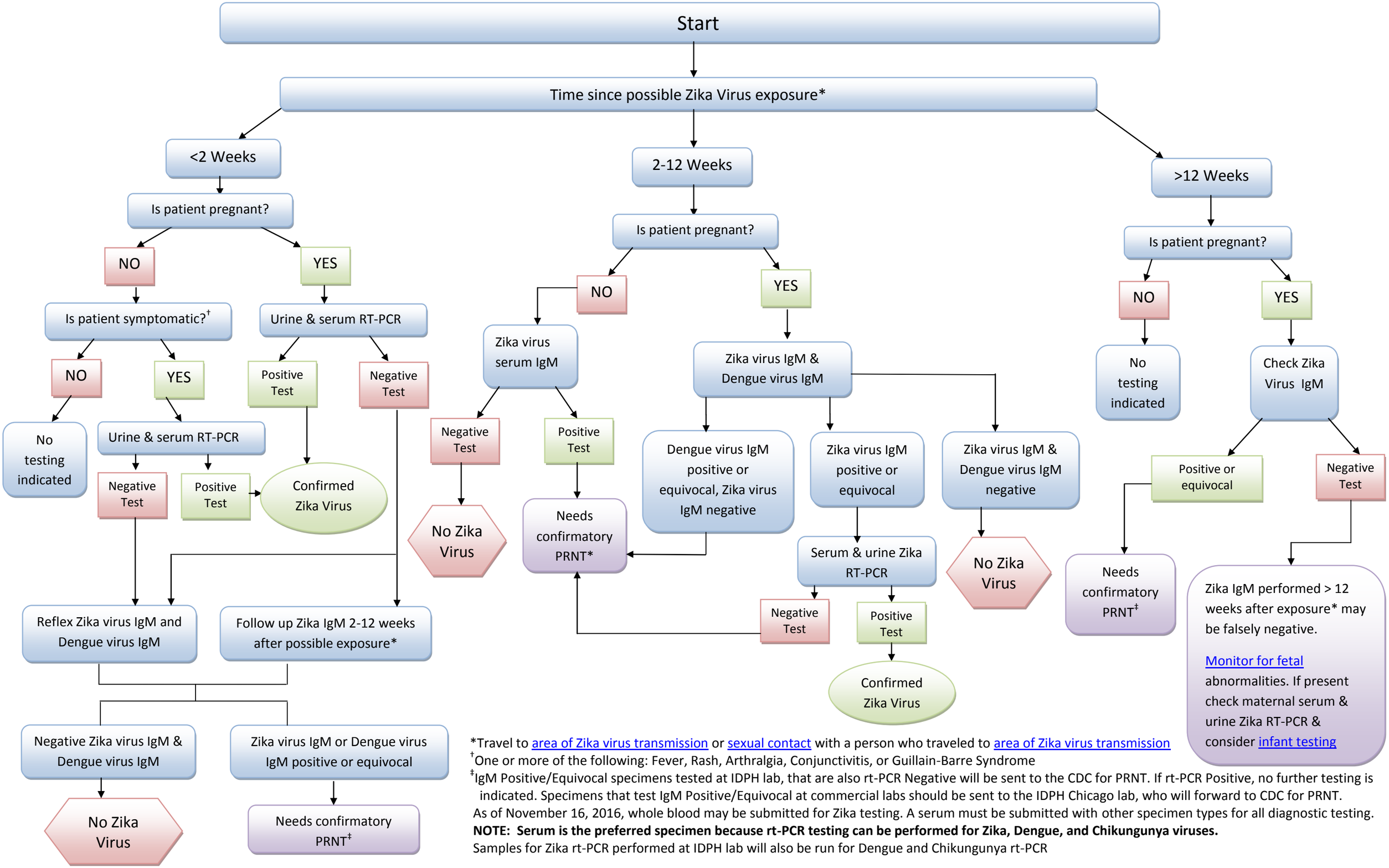
IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

Illinois Flowchart: choosing appropriate Zika Virus tests for authorized patients



*Travel to area of Zika virus transmission or sexual contact with a person who traveled to area of Zika virus transmission

†One or more of the following: Fever, Rash, Arthralgia, Conjunctivitis, or Guillain-Barre Syndrome

‡IgM Positive/Equivocal specimens tested at IDPH lab, that are also rt-PCR Negative will be sent to the CDC for PRNT. If rt-PCR Positive, no further testing is indicated. Specimens that test IgM Positive/Equivocal at commercial labs should be sent to the IDPH Chicago lab, who will forward to CDC for PRNT.

As of November 16, 2016, whole blood may be submitted for Zika testing. A serum must be submitted with other specimen types for all diagnostic testing.

NOTE: Serum is the preferred specimen because rt-PCR testing can be performed for Zika, Dengue, and Chikungunya viruses.

Samples for Zika rt-PCR performed at IDPH lab will also be run for Dengue and Chikungunya rt-PCR