

**TEST CHANGE**

**Chikungunya Antibodies, IgG and IgM**

2011812, CHIKPAN

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Serum separator tube (SST). Also acceptable: Plain red or plasma (heparin, citrate, or EDTA).

**Specimen Preparation:** Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP standard transport tube. (Min: 0.15 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens. Mark specimens plainly as "acute or convalescent."

**Transport Temperature:** Refrigerated

**Unacceptable Conditions:** Contaminated, heat-inactivated, hemolyzed, or severely lipemic specimens.

**Remarks:**

**Stability:** After separation from cells: Ambient: ~~2 days~~**48 hours**; Refrigerated: 2 weeks; Frozen: ~~30 days~~**1-year** (avoid repeated freeze/thaw cycles)

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)

**Note:**

**CPT Codes:** 86790 x2

**New York DOH Approval Status:** [Specimens from New York clients will be sent out to a](#) ~~This test is~~ [New York DOH approved laboratory, if possible.](#)

**Interpretive Data:**

**Chikungunya Antibody, IgM**

0.89 <del>ISR</del> <b>79-Index</b> or less	Negative: No significant level of Chikungunya IgM antibody detected.
0.90 <del>80</del> -1.09 <del>ISR</del> <b>Index</b>	Equivocal: Questionable presence of Chikungunya IgM antibody detected. Repeat testing in 10-14 days may be helpful.
1.10 <del>ISR</del> <b>Index</b> or greater	Positive: Chikungunya IgM antibody detected.

**Chikungunya IgG**

0.79 Index or less	Negative: No significant level of Chikungunya IgG antibody detected.
0.80-1.09 Index	Equivocal: Questionable presence of Chikungunya IgG antibody detected. Repeat testing in 10-14 days may be helpful.
1.10 Index or greater	Positive: Chikungunya IgG antibody detected; suggests current or past infection.

**Reference Interval:**

Test Number	Components	Reference Interval
	Chikungunya Antibody, IgG	Less than or equal to 0.79 IV
	Chikungunya Antibody, IgM	Less than or equal to 0. <del>89</del> <del>ISR79</del> <del>IV</del>

**HOTLINE NOTE:** There is a numeric map change associated with this test. Refer to the Hotline Test Mix for interface build information.

**HOTLINE NOTE:** There is a unit of measure change associated with this test. Refer to the Hotline Test Mix for interface build information.