



COUNTY OF IMPERIAL
PUBLIC HEALTH DEPARTMENT

April 26, 2022

HEALTH ADVISORY

Acute Pediatric Hepatitis Potentially Associated with Adenovirus 41

The Centers for Disease Control and Prevention (CDC) and the California Department of Public Health (CDPH) have issued an advisory regarding a cluster of children in Alabama and Europe identified with hepatitis associated with adenovirus. CDPH is enhancing surveillance for pediatric cases of acute hepatitis of unknown etiology and requests that providers report cases meeting the following case definition to the local health department within one business day.

- Children <10 years of age with elevated aspartate aminotransferase (AST) or alanine aminotransferase (ALT) (>500U/L) **AND**
- Who have unknown etiology for their hepatitis (with or without any adenovirus testing results, independent of the results) since October 1, 2021

Cases with positive or negative adenovirus results and otherwise unknown etiology for hepatitis should be reported.

Clinicians should consider adenovirus testing in pediatric patients with hepatitis of unknown etiology. Specimens should be collected as soon as possible in the clinical course of illness. Collection of stool and blood specimen is recommended in addition to standard respiratory specimens (e.g., nasopharyngeal swab).

Clinical lab testing should include:

- **Stool adenovirus 40/41 PCR** (often included as GI panel PCR panel, e.g., Bio Fire) or **EIA**
- **Respiratory Viral panel that includes adenovirus detection**

- **Whole blood (collected in EDTA) adenovirus qualitative PCR.** (This test is offered by ARUP laboratories and may be available at other commercial labs as well. Detection in whole blood is likely to be more sensitive than in serum).

All positive adenovirus specimens meeting the case definition will be sent to the CDPH Viral and Rickettsial Disease Laboratory for typing and whole genome sequencing.

To report suspect cases, call (442) 265-1464 or send an email to phepireport@co.imperial.ca.us

More information, go to:

CDC Health Advisory

[HAN Archive - 00462 | Health Alert Network \(HAN\) \(cdc.gov\)](#)

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