

## Hepatitis A virus infection

# DIAGNOSING ACUTE INFECTION

### Case history

- Abdominal pain for three days
- Sudden onset fever and vomiting
- Backpacking in Egypt four weeks ago



John Doe,  
35-years-old

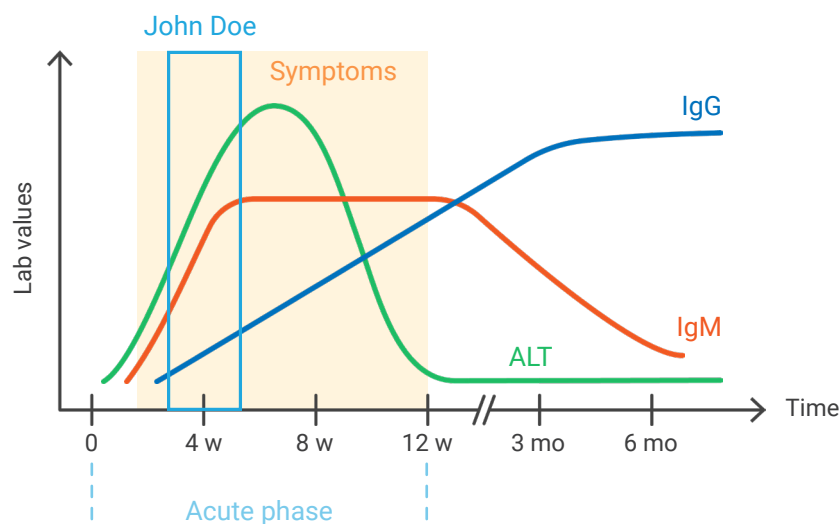
### Laboratory report

ALT	150 (5–35 IU/L)
<b>Hepatitis A:</b>	
Anti-HAV IgM	+
Anti-HAV	+

### Interpretation

John Doe suffers from the classic symptoms of hepatitis. His lab report shows elevated ALT levels as well as a positive hepatitis A screening. Since we see positive anti-HAV IgM antibodies, John must

have an active HAV infection. Since he was most likely infected during his trip to Egypt, about four weeks ago, we assume he is in the acute phase of infection.



### DIAGNOSIS

John Doe suffers from an acute hepatitis A infection.