

Reference

Center for Disease Control and Prevention. Hepatitis C information for health professionals. www.cdc.gov/hepatitis/hcv (accessed January 20, 2015).

Hepatitis C



testing at ARUP Laboratories



[www.aruplab.com/
topics/liver](http://www.aruplab.com/topics/liver)



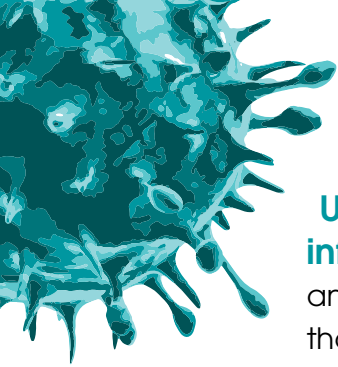
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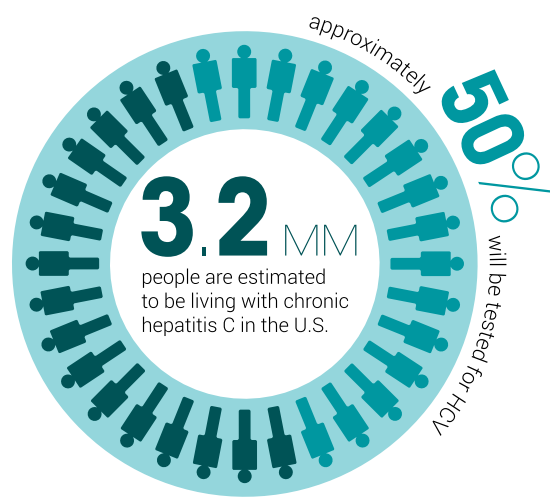
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An estimated 3.2 million persons in the United States are infected with HCV, and as many as half of those infected remain undiagnosed. HCV is the

primary cause of adult liver transplant candidacy, representing 30 percent of all adults on the transplant waiting list. Baby boomers (those born between 1945 and 1965) account for 75 percent of all chronic HCV infections.



Testing Recommendations

The CDC (2012), Infectious Diseases Society of America (2014), and U.S. Preventive Services Task Force (2013) recommend at least one screening for all individuals born between 1945 and 1965.

WHO (2013), American Gastroenterological Association, National Gastroenterology Society (2009), American Association for the Study of Liver Disease (2009), and the European Association for the Study of the Liver (2014) recommend screening for individuals with risk factors (e.g., IV drug users and persons who have received blood products or organ transplants prior to 1992).

Laboratory Testing

ARUP has designed reflex testing methods that are economical, reduce turnaround time, and help avoid multiple patient draws/visits. Each test can be ordered individually or as part of the reflexive tests to meet our clients' various testing requirements.

HCV antibody screen by immunoassay: initial testing for individuals at risk for HCV infection

HCV quantification by PCR if reactive: used to confirm active HCV infection, establish baseline viral load for prognosis and to monitor response to therapy.

HCV genotype by sequencing: used to determine likelihood of response, duration, and choice of therapy.

Reflex Testing Options

test code	test name
2010784	HCV Antibody, CIA, w/ Reflex to HCV, Quant PCR
2002685	HCV, Quant PCR, w/ Reflex to HCV Genotype, Seq
2009255	HCV Genotype w/ Reflex to HCV High-Res Genotype, Seq
2010793	HCV, Quant PCR w/ Reflex to HCV High-Res Genotype, Seq

Additional Testing Options

test code	test name	method
2002483	Hepatitis C Virus Antibody by CIA	Qualitative
0098268	Hepatitis C Virus by Quantitative PCR	Quantitative PCR
0055593	Hepatitis C Virus Genotype by Sequencing	Sequencing
2006898	Hepatitis C Virus High-Resolution Genotype by Sequencing	Sequencing
2004680	Interleukin 28 B (<i>IL28B</i>)-Associated Variants, 2 SNPs	PCR/high-resolution melt
2006344	Inosine Triphosphatase (<i>ITPA</i>) and Interleukin 28 B (<i>IL28B</i>)-Associated Variants, 4 SNPs	PCR/SNE

Reflex Testing Options

