

TITLE PAGE

Title: Evaluation of the diagnostic accuracy of laboratory-based screening for hepatitis C in dried blood spot samples: A systematic review and meta-analysis

Running head: HCV screening in DBS samples

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José M Bellón: methodology: statistical analysis

Pablo Ryan: writing – review and editing

Salvador Resino: conceptualization, formal analysis, writing – original draft, supervision

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Supplemental File 2. Summary of the quality assessment by using QUADAS-2.

Bias (Anti – HCV Ab)

	PATIENT SELECTION	INDEX TEST	REFERENCE STANDARD	FLOW AND TIMING
Brandao et al (2013)	Low	Low	Low	Low
Croom et al (2006)	Low	Low	Low	Low
Dokubo el al (2014)	Low	Unclear	Low	Low
Flores et al (2017)	Unclear	Low	Low	Low
Judd et al (2003)	Unclear	Low	Low	Unclear
Kania et al (2013)	Low	Low	Low	Low
Larrat et al (2012)	Low	Low	Low	Low
Lima (2015)	Low	Low	Low	Low
Marques et al (2016)	Low	Low	Low	Low
Marques et al (2012)	Low	Low	Low	Low
Mc Carron et al (1999)	Low	Unclear	Low	Low
Mössner et al (2016)	Low	Low	Low	Low
Nandagopal et al (2014)	Low	Low	Low	Low
O'Brien et al (2001)	Low	Low	Low	Low
Poiteau et al (2015)	Low	Unclear	Low	Low
Rice et al (2012)	Low	Low	Low	Low
Ross et al (2013)	Low	Low	Low	Low
Soulier et al (2016)	Low	Low	Low	Low
Tejada-Strop et al (2015)	Low	Low	Low	Low
Tuailleon et al (2010)	Low	Low	Low	Low
Vázquez-Morón et al (2018)	Low	Low	Low	Low

Applicability (Anti – HCV Ab)

	PATIENT SELECTION	INDEX TEST	REFERENCE STANDARD
Brandao et al (2013)	Low	Low	Low
Croom et al (2006)	Low	Low	Low
Dokubo el al (2014)	Low	Low	Low
Flores et al (2017)	Low	Low	Low
Judd et al (2003)	Low	Low	Low
Kania et al (2013)	Low	Low	Low
Larrat et al (2012)	Low	Low	Low
Lima (2015)	Low	Low	Low
Marques et al (2016)	Low	Low	Low
Marques et al (2012)	Low	Low	Low
Mc Carron et al (1999)	Low	Low	Low
Mössner et al (2016)	Low	Low	Low
Nandagopal et al (2014)	Low	Low	Low
O'Brien et al (2001)	Low	Low	Low
Poiteau et al (2015)	Low	Low	Low
Rice et al (2012)	Low	Low	Low
Ross et al (2013)	Low	Low	Low
Soulier et al (2016)	Low	Low	Low
Tejada-Strop et al (2015)	Low	Low	Low
Tuailleon et al (2010)	Low	Low	Low
Vázquez-Morón et al (2018)	Low	Low	Low

Bias (NAT)

	PATIENT SELECTION	INDEX TEST	REFERENCE STANDARD	FLOW AND TIMING
Bennett et al (2012)	Low	High	Low	Low
De Crignis et al (2010)	Low	Unclear	Low	Low
Dokubo el al (2014)	Low	Unclear	Low	Low
Mössner et al (2016)	Low	Low	Low	High
Ross et al (2013)	Low	Low	Low	Unclear
Saludes et al (2018)	Low	Unclear	Low	Low
Santos et al (2012)	Low	Low	Low	Low
Solmone et al (2002)	Unclear	Unclear	Unclear	Unclear
Soulier et al (2016)	Low	Low	Low	Low
Vázquez-Morón et al (2018)	Low	Low	Low	Low

Applicability (NAT)

	PATIENT SELECTION	INDEX TEST	REFERENCE STANDARD
Bennett et al (2012)	Low	Low	Low
De Crignis et al (2010)	Low	Low	Low
Dokubo el al (2014)	Low	Low	Low
Mössner et al (2016)	Low	Low	Low
Ross et al (2013)	Low	Low	Low
Saludes et al (2018)	Low	Low	Low
Santos et al (2012)	Low	Low	Low
Solmone et al (2002)	Low	Low	Low
Soulier et al (2016)	Low	Low	Low
Vázquez-Morón et al (2018)	Low	Low	Low