



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https:// www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 46458

Title: Hepatitis C Virus Antigens Enzyme Immunoassay (HCV-Ags EIA) for One-step
Diagnosis of HCV Co-infection in HIV Infected Individuals

Reviewer's code: 02521807

Reviewer's country: Argentina

Science editor: Ying Dou

Date sent for review: 2019-01-14

Date reviewed: 2019-01-14

Review time: 7 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Hu K-Q et al carried out a study assessing the performance of a recently reported antigen enzyme immunoassay for One-step diagnosis of viremic hepatitis C virus infection among HIV-coinfected patients. This a clear manuscript with relevant data.

Although the authors punctualize the study limitations regarding the number of samples (last sentence of the MS), it should be emphasized essentially for those viremic HCV samples with lower viral load. There were only included 5 (five) samples close the lower limit, but the HCV genotype was undefined. This particular segment of samples should be studied more deeply in order to correlate this new HCV EIA assay with HCV RNA quantification assays. This reviewer takes the liberty to share some minor comments: 1. Page 3 "Several HCVcAg assays have been reported ..." Please clarify -at first time- the term "HCVcAg" 2. Page 4 "...we have developed a highly sensitive and specific HCV-Ag EIA" Please clarify the HCV antigens involved in this assay (those previously detailed in the manuscript at Hepatology 2016). 3. Page 5. " in sera with (1) HCV monoinfection ..." Please check the Term "monoinfection" 4. Page 5. Please offer technical details about the HIV viral load test used.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https:// www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 46458

Title: Hepatitis C Virus Antigens Enzyme Immunoassay (HCV-Ags EIA) for One-step Diagnosis of HCV Co-infection in HIV Infected Individuals

Reviewer's code: 02528812

Reviewer's country: Iran

Science editor: Ying Dou

Date sent for review: 2019-01-14

Date reviewed: 2019-01-16

Review time: 20 Hours, 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript entitled "Hepatitis C Virus Antigens Enzyme Immunoassay (HCV-AgsEIA) for One-step Diagnosis of HCV Co-infection in HIV Infected Individuals" is well performed. In this study, the authors have evaluated HCV-Ags EIA for one-step

diagnosis of HCV infection in HIV-infected individuals. Overall, 147 sera were tested by HCV-Ags EIA. According to the results, HCV-Ags test is highly sensitive and specific. As this HCV-Ags test is faster than the previous methods to detect current HCV infection (detection of anti-HCV antibodies by ELISA followed by HCV RT-PCR), this study is very informative and valuable. I have no specific comments to the authors, only some minor language polishing should be checked.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No