



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 59539

**Title:** Detection of fucosylated haptoglobin using the 10-7G antibody as a biomarker for evaluating endoscopic remission in ulcerative colitis

**Reviewer’s code:** 03249854

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Chief Doctor, Professor, Surgeon

**Reviewer’s Country/Territory:** China

**Author’s Country/Territory:** Japan

**Manuscript submission date:** 2020-09-25

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-10-14 01:49

**Reviewer performed review:** 2020-10-19 04:39

**Review time:** 5 Days and 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

This study investigated the usefulness of the 10-7G value as a novel, potential serum biomarker for monitoring disease activity of IBD. By comparing 10-7G values with several conventional serum biomarkers, this study found out that positive 10-7G mAb staining was observed in the intestinal tissues of UC patients. Besides, 10-7G values were significantly higher in patients with UC, CD, and AE as compared to HVs. What's more, 10-7G values reflecting an inflammatory condition were correlated with CRP. Finally, with the analysis of ROC, 10-7G value is confirmed to be a useful biomarker for evaluating endoscopic mucosal healing in UC patients. It's a novel and interesting finding. But, this paper still have some problems: First, the flow chart of detection methods mentioned in this article was deficient, which was hard to understand the author's intention. Second, the number of patients with CD or UC with resected intestinal tissue sections undergoing immunohistochemistry testing was ambiguous respectively.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

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**Academic degree:** MD

**Professional title:** Chief Doctor, Professor, Surgeon

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2020-09-25

**Reviewer chosen by:** Chen-Chen Gao

**Reviewer accepted review:** 2020-11-12 10:45

**Reviewer performed review:** 2020-11-14 13:00

**Review time:** 2 Days and 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS



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Author has made the modifications accordingly. I consider the paper should be accepted.