

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 73809

Title: Novel multiplex stool-based assay for the detection of early-stage colon cancer in a Chinese population

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03474118

Position: Peer Reviewer

Academic degree: FACG, FRCP (C)

Professional title: Professor

Reviewer's Country/Territory: Lebanon

Author's Country/Territory: China

Manuscript submission date: 2021-12-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-06 07:37

Reviewer performed review: 2021-12-06 12:05

Review time: 4 Hours

Scientific quality	☐ Grade A: Excellent ☒ Grade B: Very good ☐ Grade C: Good ☐ Grade D: Fair ☐ Grade E: Do not publish
Language quality	☐ Grade A: Priority publishing ☒ Grade B: Minor language polishing ☐ Grade C: A great deal of language polishing ☐ Grade D: Rejection
Conclusion	☐ Accept (High priority) ☒ Accept (General priority) ☐ Minor revision ☐ Major revision ☐ Rejection
Re-review	☐ Yes ☒ No

Peer-reviewer statements	Peer-Review: [☒] Anonymous [☐] Onymous Conflicts-of-Interest: [☐] Yes [☒] No
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SPECIFIC COMMENTS TO AUTHORS

This is an original study examining a novel multiplex stool-based assay for detection of early-stage colon cancer in the Chinese population. I do not have the molecular biology background to comment on the methodology but the validation of the test and its validation in this selected patient population appear sound. The paper is well written and the results are well displayed and tabulated. The discussion and conclusions are aligned with the findings.

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Title: Novel multiplex stool-based assay for the detection of early-stage colon cancer in a Chinese population

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02528808

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Chief Doctor, Doctor

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2021-12-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-08 11:35

Reviewer performed review: 2021-12-08 12:42

Review time: 1 Hour

Scientific quality	☐ Grade A: Excellent ☒ Grade B: Very good ☐ Grade C: Good ☐ Grade D: Fair ☐ Grade E: Do not publish
Language quality	☒ Grade A: Priority publishing ☐ Grade B: Minor language polishing ☐ Grade C: A great deal of language polishing ☐ Grade D: Rejection
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SPECIFIC COMMENTS TO AUTHORS

The topic of the study is fairly interesting, and its approach is correct. The manuscript is well written and structure, with and easily understandable and clear exposition. The results of this study could lead to its application in clinical practice, were they to be confirmed in future prospective multicenter studies. I encourage the authors to keep working on it. It would be interesting for the authors to reference other similar studies not based on a Chinese population.