



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 75689

**Title:** Blood index panel for gastric cancer detection

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06099573

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2022-02-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-28 00:04

**Reviewer performed review:** 2022-03-11 08:56

**Review time:** 11 Days and 8 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 Grade E: Do not publish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</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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Conflicts-of-Interest: [ ] Yes [Y] No

### **SPECIFIC COMMENTS TO AUTHORS**

The occurrence and development of gastric cancer is a multistage process involving changes at the gene and molecular levels. There is a period of precancerous lesions in the early stage of gastric cancer, and most of the precancerous lesions remain unchanged, while some develop into cancer. Most gastrointestinal malignant tumors have no obvious symptoms during the early stage, they cannot be detected quickly. Early diagnosis and early treatment of gastric cancer is the key to improving the survival and cure rates of patients. As one of the most common tumor markers, the cell surface structural antigen CEA is widely used as a diagnostic and monitoring index for various gastrointestinal tumors. In this study, the authors examined 13 tumor-related indices, 38 clinical biochemical indices and 10 cytokines in gastric cancer and gastric polyp patients. The idea of the study is interesting, and the study is well display. Methods are described in detail, and results are very informative. Some minor editing is required before acceptance. Please take attention about some minor language polishing, and update the reference according to the guideline of the journal.



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**Academic degree:** PhD

**Professional title:** Doctor

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

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

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Conflicts-of-Interest: [ ] Yes [Y] No

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

This is a very interesting study of the blood index panel for gastric cancer detection. This study is very well designed and the panel of this study may become a detection method for clinical practice. Tumor-related and clinical biochemical index detection, cytokine detection in this study is well described. The results data are interesting, and well discussed. The reviewer recommends to accept this study after a minor editing. Thank you for inviting me to review this interesting study.