

Name of Journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 36766

Manuscript Type: REVIEW

Advance in plasma SEPT9 gene methylation assay for colorectal cancer early detection

Yu Wang *et al.* Colorectal cancer

Yu Wang, Pei-Min Chen, Rong-Bin Liu

Abstract

This review article summarizes the research advances of the plasma-based SEPT9 gene methylation assay for the clinical detection of colorectal cancer and its limitations. Colorectal cancer is a common malignancy with a poor prognosis and a high mortality, for which early detection and diagnosis are particularly crucial for the high-risk groups. Increasing evidence supported

Match Overview

1	Crossref 127 words Li, Bingsheng, Aihua Gan, Xiaolong Chen, Xinying Wang, Weifeng He, Xiaohui Zhang, Renxiang Huang, Shuzh	3%
2	Internet 91 words crawled on 04-May-2016 www.epiprocolon.com	2%
3	Crossref 48 words Li, Yuemin, Lele Song, Yuan Gong, and Baoming He. "D etection of colorectal cancer by DNA methylation biom: ...	1%
4	Internet 44 words crawled on 12-May-2016 gut.bmj.com	1%
5	Internet 43 words crawled on 10-Dec-2015 www.colorectal-cancer.ca	1%
6	Crossref 36 words Church, T. R., M. Wandell, C. Lofton-Day, S. J. Mongin, M. Burger, S. R. Payne, E. Castanos-Velez, B. A. Blumen	1%
7	Crossref 32 words Jin, Peng, Qian Kang, Xin Wang, Lang Yang, Yang Yu, N a Li, Yu-qi He, Xiaoliang Han, Jie Hang, Jing Zhang, Lei	1%

时间不限

2017以来

2016以来

2013以来

自定义范围...

按相关性排序

按日期排序

不限语言

中文网页

简体中文网页

☒ 包括专利

☒ 包含引用

创建快讯

小提示：只搜索中文(简体)结果，可在 学术搜索设置 指定搜索语言

DNA methylation biomarkers for blood-based colorectal cancer screening

[HTML] aaccjnls.org

C Lofton-Day, F Model, T DeVos, R Tetzner, ... - Clinical ... 2008 - clinchem.aaccjnls.org

Skip to main content. Main menu. Home; About: Clinical Chemistry; Editorial Board; Most Read; Most Cited; Alerts. Articles: Current Issue; Early Release; Future Table of Contents; Archive; Browse by Subject. Info for.

☆ 99 被引用次数: 339 相关文章 所有 14 个版本

Circulating methylated SEPT9 DNA in plasma is a biomarker for colorectal cancer

[HTML] aaccjnls.org

R Tetzner, F Model, G Weiss, M Schuster... - Clinical ... 2009 - clinchem.aaccjnls.org

Skip to main content. Main menu. Home; About: Clinical Chemistry; Editorial Board; Most Read; Most Cited; Alerts. Articles: Current Issue; Early Release; Future Table of Contents.

☆ 99 被引用次数: 310 相关文章 所有 11 个版本

[HTML] Prospective evaluation of methylated SEPT9 in plasma for detection of asymptomatic colorectal cancer

[HTML] bmj.com

TR Church, M Wandell, C Lofton-Day, SJ Mongin... - Gut, 2014 - gut.bmj.com

... for advanced (clinically significant) adenomas (AA) and for non-advanced (clinically insignificant) adenomas (NA). The PRESEPT Study. Evaluation of SEPT9 Biomarker Performance for CRC Screening. is ... DNA levels approaching one genomic equivalent (~2 copies) per plasma sample. ...

☆ 99 被引用次数: 242 相关文章 所有 18 个版本

Detection of aberrant promoter hypermethylation of tumor suppressor genes in serum DNA from non-small cell lung cancer patients

[HTML] aacrjournals.org

M Esteller, M Sanchez-Cespedes, R Rosell... - Cancer research, 1999 - AACR

... Advances in Brief. ... treatment for NSCLC 3 is surgical resection, but this modality is limited by the fact that 65% of patients have advanced disease at ... In addition, p53 and ras gene mutations have been detected in the plasma and serum of patients with colorectal (12, 13, 14) and ...

☆ 99 被引用次数: 1046 相关文章 所有 10 个版本



文章

找到约 818 条结果 (用时0.10秒)



我的个人学术档案



我的图书馆

时间不限

2017以来

2016以来

2013以来

自定义范围...

按相关性排序

按日期排序

不限语言

中文网页

简体中文网页

☒ 包括专利

☒ 包含引用

创建快讯

小提示: 只搜索中文(简体)结果, 可在 学术搜索设置 指定搜索语言

DNA methylation biomarkers for blood-based colorectal cancer screening

[HTML] aaccjnls.org

C Lofton-Day, F Model, T DeVos, R Tetzner, ... - Clinical ... 2008 - clinchem.aaccjnls.org

Skip to main content, Main menu, Home, About: Clinical Chemistry, Editorial Board,

Most Read, Most Cited, Alerts, Articles, Current Issue, Early Release, Future Table

of Contents, Archive, Browse by Subject, Info for.

☆ 99 被引用次数: 351 相关文章 所有 14 个版本

Circulating methylated SEPT9 DNA in plasma is a biomarker for colorectal cancer

[HTML] aaccjnls.org

R Tetzner, F Model, G Weiss, M Schuster, ... - Clinical ... 2009 - clinchem.aaccjnls.org

Skip to main content, Main menu, Home, About: Clinical Chemistry, Editorial Board, Most Read,

Most Cited, Alerts, Articles, Current Issue, Early Release, Future Table of Contents,

☆ 99 被引用次数: 321 相关文章 所有 11 个版本

[HTML] Prospective evaluation of methylated SEPT9 in plasma for detection of asymptomatic colorectal cancer

[HTML] bmj.com

TR Church, M Wandell, C Lofton-Day, SJ Mongin, ... - Gut, 2014 - gut.bmj.com

... for advanced (clinically significant) adenomas (AA) and for non-advanced (clinically insignificant ...

The PRESEPT Study, Evaluation of SEPT9 Biomarker Performance for CRC Screening, is ... DNA

levels approaching one genomic equivalent (~2 copies) per plasma sample ...

☆ 99 被引用次数: 256 相关文章 所有 18 个版本

Detection of aberrant promoter hypermethylation of tumor suppressor genes in serum DNA from non-small cell lung cancer patients

[HTML] aacrjournals.org

M Esteller, M Sanchez-Cespedes, R Rosell, ... - Cancer research, 1999 - AACR

... Advances in Brief ... treatment for NSCLC 3 is surgical resection, but this modality is limited by the

fact that 65% of patients have advanced disease at ... In addition, p53 and ras gene mutations have

been detected in the plasma and serum of patients with colorectal (12, 13, 14) and ...

[全部](#)[图片](#)[新闻](#)[地图](#)[更多](#)[设置](#)[工具](#)

找到约 5,920 条结果 (用时 0.51 秒)

Google 学术: Advance in plasma SEPT9 gene methylation assay for colorectal cancer early detection

... methylation biomarkers for blood-based colorectal ... - Lofton-Day - 被引用次数: 353

... methylated SEPT9 DNA in plasma is a biomarker for ... - Tetzner - 被引用次数: 322

... evaluation of methylated SEPT9 in plasma for detection ... - Church - 被引用次数: 257

Diagnostic Accuracy of Methylated SEPT9 for Blood-based Colorectal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5288600/> ▼ 翻译此页

作者: J Nian - 2017 - 被引用次数: 4 - 相关文章

2017年1月19日 - Colorectal cancer (CRC) is one of the most common malignant ... the changes may be a promising method for detecting early CRC. ... Epi proColon itself has two generations of assays and three inspection methods. Circulating methylated SEPT9 DNA in plasma is a biomarker for colorectal cancer. Abstract · Introduction · Results · Discussion

Current noninvasive tests for colorectal cancer screening: An overview ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5108981/> ▼ 翻译此页

作者: LL Song - 2016 - 被引用次数: 4 - 相关文章

2016年11月15日 - Regular screening can achieve early CRC detection and early treatment. However The plasma SEPT9 gene methylation assay fecal DNA and SEPT9 tests in colorectal cancer and advanced adenoma screening.

Screening for Colorectal Cancer Based on the Promoter Methylation ...

clinical-epigenetics.imedpub.com/screening-for-colorectal-cancer-based-on-... ▼ 翻译此页

Screening for colorectal cancer is widely considered a cost effective intervention with ... This enables broad dissemination of DNA methylation based testing to ... The development of blood tests based on analysis of