

Name of Journal: World Journal of Gastroenterology

Manuscript NO: 34731

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Fluctuation of zonulin levels in blood versus stability of antibodies

Aristo Vojdani, Elroy Vojdani, Datis Kharrazian

Abstract

AIM

To evaluate the measurement of zonulin level and antibodies of zonulin and other tight junction proteins in the blood of controls and celiac disease patients.

METHODS

This study was conducted to assess the variability or stability of zonulin levels versus IgA and IgG antibodies against zonulin in blood samples from 18 controls at 0, 6, 24 and 20 hours after blood draw. We also measured zonulin level in celiac disease patients.

20 hours after blood draw. We also measured zonulin level in celiac disease patients.

Match Overview

Match Number	Source	Words Matched	Similarity
1	Crossref	77 words Datis Kharrazian, Aristo Vojdani. "Correlation between antibodies to bisphenol A, its target enzyme protein disulfide ..."	2%
2	Internet	71 words crawled on 03-Mar-2017 www.wjgnet.com	1%
3	Internet	37 words crawled on 21-Dec-2012 abgent.com.cn	1%
4	Crossref	36 words Vojdani, Aristo, and Joshua Berookhim. "Detection of IgG, IgA, and IgM antibodies against human and plant aquapo ..."	1%
5	Internet	30 words crawled on 24-Jun-2016 www.jbc.org	1%
6	Internet	22 words crawled on 25-Dec-2016 pdfs.semanticscholar.org	<1%
7	Crossref	12 words Yoshiro Toyama. "Ectoplasmic specializations in the Sertoli cell: new vistas based on genetic defects and testicular toxic ..."	<1%

[全部](#) [图片](#) [视频](#) [新闻](#) [地图](#) [图书](#)

找到约 6,450 条结果

时间不限

过去 1 小时内
过去 24 小时内
过去 1 周内
过去 1 个月内
过去 1 年内

所有结果

精确匹配

[Google 学术: Fluctuation of zonulin levels in blood versus stability of antibodies](#)

[Alterations in intestinal permeability - Arrieta](#) - 被引用次数: 359

[... and associations with antibodies to dietary proteins in ...](#) - Severance - 被引用次数: 27

[Leaky gut and diabetes mellitus: what is the link?](#) - De Kort - 被引用次数: 88

[A comparison of antibody testing, permeability testing, and zonulin ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/19399613>

28 Apr 2009 ... A comparison of antibody testing, permeability testing, and zonulin levels ... (TTG) antibodies, elevated zonulin levels, and increased intestinal ...

[Fluctuation of virus antibody levels in healthy adults. - NCBI](#)

<https://www.ncbi.nlm.nih.gov/pubmed/2848705>

In order to determine fluctuations in virus antibody levels, blood specimens were collected weekly from 13 healthy adults during a nine-week period and tested ...

[Fluctuation of anti-Ro/SS-A antibody levels in patients with systemic ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/10084034>

Fluctuation of anti-Ro/SS-A antibody levels in patients with systemic lupus ... the titers of anti-Ro/SS-A (Ro) antibodies fluctuate during the course of SLE and Sjögren's ... The stable antibody profile in both SLE and SS patients supports the ...

[\[PDF\] The Role of Gluten in Celiac Disease and Type 1 Diabetes - MDPI](#)

www.mdpi.com/2072-6643/7/9/5329/pdf

26 Aug 2015 ... antibody levels are measured instead of traditional markers. Recently, IgG anti-deamidated gliadin has emerged as an alternative test, due to its better sensitivity and specificity ... This interaction triggers the release of zonulin leading ... correlation between T1D onset and a lower diversity and stability of the ...

[\[PDF\] Natural history of celiac disease-associated antibodies and ... - Doria](#)

www.doria.fi/bitstream/handle/10024/.../AnnalesD936Simell.pdf

Fluctuation of zonulin levels in blood vs stability of antibodies



全部 图片 视频 新闻 地图 图书

找到约 6,790 条结果

时间不限
过去 1 小时内
过去 24 小时内
过去 1 周内
过去 1 个月内
过去 1 年内

所有结果
精确匹配

[Seroreactive marker for inflammatory bowel disease and ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4075657/)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4075657/>
6 Dec 2013 ... We compared ASCA levels to antibodies against gluten, casein, EBV, HSV-1, ... its association with antibodies to food-derived proteins and self-reported GI symptoms ... however, given the fluctuating nature of mood cycles, the anti-inflammatory ... $p \leq 0.08$, mean \pm SEM = 1.59 ± 0.28 for GI-positive (n=84) vs.

[Fluctuations in levels of antiphospholipid antibodies and increased ...](https://www.ncbi.nlm.nih.gov/pubmed/11898913)
<https://www.ncbi.nlm.nih.gov/pubmed/11898913>
No particular pattern of antibody positivity, or fluctuation in aPL level, was ... levels of TAT (median 8.6; interquartile range (IQR) 6.5-20.8) between weeks 20 and ...

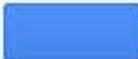
[Fluctuation of virus antibody levels in healthy adults. - NCBI](https://www.ncbi.nlm.nih.gov/pubmed/2848705)
<https://www.ncbi.nlm.nih.gov/pubmed/2848705>
In order to determine fluctuations in virus antibody levels, blood specimens were collected weekly from 13 healthy adults during a nine-week period and tested ...

[\[Influence of storage conditions on results of antibody level assay in ...](https://www.ncbi.nlm.nih.gov/pubmed/22184913)
<https://www.ncbi.nlm.nih.gov/pubmed/22184913>
[Influence of storage conditions on results of antibody level assay in human serum ... Anti EBV IgG stored at freezing conditions were much stable than stored at 4 ... Blood Preservation/methods*; Freezing*; Humans; Immunoglobulin G/ blood* ...

[\[PDF\] The Role of Gluten in Celiac Disease and Type 1 Diabetes - MDPI](http://www.mdpi.com/2072-6643/7/9/5329/pdf)
www.mdpi.com/2072-6643/7/9/5329/pdf
26 Aug 2015 ... antibody levels are measured instead of traditional markers. ... strategies for CD, such as genetically modified gluten, inhibitors of zonulin—the regulator of intestinal ... in vitro with gliadin express a vast range of pro-inflammatory ... correlation between T1D onset and a lower diversity and stability of the ...

[Graves' Hyperthyroidism Remission with Iodine Case Report by ...](https://www.linkedin.com/)
<https://www.linkedin.com/>

Fluctuation of zonulin levels in blood vs stability of antibodies



全部 图片 视频 新闻 地图 图书

找到约 6,910 条结果

时间不限

- 过去 1 小时内
- 过去 24 小时内
- 过去 1 周内
- 过去 1 个月内
- 过去 1 年内

所有结果

精确匹配

[Seroreactive marker for inflammatory bowel disease and ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4075657/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4075657/>

6 Dec 2013 ... We compared ASCA levels to antibodies against gluten, casein, EBV, HSV-1, ... its association with antibodies to food-derived proteins and self-reported GI symptoms ... however, given the fluctuating nature of mood cycles, the anti-inflammatory ... $p \leq 0.08$, mean \pm SEM = 1.59 ± 0.28 for GI-positive (n=84) vs.

[Fluctuations in levels of antiphospholipid antibodies and increased ...](https://www.ncbi.nlm.nih.gov/pubmed/11898913)

<https://www.ncbi.nlm.nih.gov/pubmed/11898913>

No particular pattern of antibody positivity, or fluctuation in aPL level, was ... levels of TAT (median 8.6; interquartile range (IQR) 6.5-20.8) between weeks 20 and ...

[Stability of cytomegalovirus antibodies in plasma during prolonged ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC170095/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC170095/>

We examined the stability of CMV antibodies in plasma from platelets and ... For whole-blood units, initial testing of donor serum and plasma obtained from ...

[Stability Test Results | Cell Signaling Technology](https://www.cellsignal.com/.../stability-test.../stability-test-results/)

<https://www.cellsignal.com/.../stability-test.../stability-test-results/>

As a new antibody is developed, Cell Signaling Technology scientists test the antibody's stability and activity.

[Zonulin Regulates Intestinal Permeability and Facilitates Enteric ...](https://www.nature.com/articles/srep29142)

<https://www.nature.com/articles/srep29142>

29 Jun 2016 ... How intestinal bacteria go into blood is not known. ... The plasma zonulin levels were significantly higher in CAD patients. ... CAD patients (n = 126) versus non- CAD (n = 80) subjects (7.3 ± 1.8 vs 4.0 ± 1.6 ng/ml, $P = 0.009$) (Table 1). ... with anti-zonulin antibodies (red), nucleus was stained by DAPI (blue).