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**Manuscript Type:** ORIGINAL ARTICLE

### *Observational Study*

**Serum 1,3-Beta-D-Glucan as a noninvasive test to predict histologic activity in patients with inflammatory bowel disease**

Katia Farias e Silva, Hayandra F Nanini, Cynthia Machado Cascabulho, Siane L B Rosas, Patricia T Santana, Antonio José de V Carneiro, Elias Anaissie, Marcio Nucci, Heitor Siffert Pereira de Souza

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Serum 1,3-Beta-D-Glucan as a Noninvasive Test to Predict Histolog



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## Serum (1→3)-β-D-Glucan Levels in HIV-Infected Individuals ...

<https://www.researchgate.net/publication/230841574...>

Dysbiosis, increased gut permeability and chronic inflammation play a major role on the clinical outcome of **inflammatory bowel** diseases, graft-vs.-host **disease** (GVHD) and HIV infection.

## Noninvasive Markers of Disease Activity in Inflammatory ...

<https://www.gastroenterologyandhepatology.net/...> ▼

55. Kaiser T, Langhorst J, Wittkowski H, et al. Faecal S100A12 **as a non-invasive** marker distinguishing **inflammatory bowel disease** from irritable **bowel** syndrome. Gut. 2007;56(12):1706-1713. 56. Sidler MA, Leach ST, Day AS. Fecal S100A12 and fecal calprotectin as **noninvasive** markers for **inflammatory bowel disease** in children.

## Identification of Pathway-Specific Serum Biomarkers of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5288595>

**Serum** biomarkers may serve **to predict** early response to therapy, identify relapse, and facilitate drug development in **inflammatory bowel disease** (IBD). Biomarkers are particularly important in children, in whom achieving early **remission** and minimizing procedures are especially beneficial.

Cited by: 27

Author: Christopher R. Heier, Alyson A. Fiorillo, Elle...

Publish Year: 2016

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## Diagnostic Performance of the (1 -> 3)-beta-D-Glucan Assay ...

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Diagnosis of invasive fungal **disease** (IFD) is challenging, and it remains a significant cause of morbidity and mortality in immunocompromised **patients**. The (1-->3)-**beta-D**-glucan (BG) assay may be ...

## Noninvasive Markers of Disease Activity in Inflammatory ...

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**Noninvasive** markers of **disease activity** are becoming important criteria for enrollment in clinical trials, and the limitations of the Crohn's **Disease Activity** Index (CDAI) as an accurate gauge of **disease activity** were noted most visibly with the SONIC (Study of Biologic and Immunomodulator-Naive **Patients** in Crohn's **Disease**) trial. 4 ...

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## Identification of Pathway-Specific Serum Biomarkers of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5288595>

Biomarkers of inflammation in **inflammatory bowel disease**. Gastroenterology 2015; 149: 1275–1285 e2. [Google Scholar] Matalon S, Elad H, Brazowski E et al. **Serum** alpha-1 antitrypsin: a **noninvasive** marker of pouchitis. Inflamm **Bowel Dis** 2015; 21: 589–595. [Google Scholar]

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**Publish Year:** 2016

## Serum and bal beta-D-glucan for the diagnosis of ...

<https://www.researchgate.net/publication/266973146...>

Background: The (1-3)-β-D-Glucan (BG) assay has been approved for making a diagnosis of invasive fungal **disease**. However, the role of **serum**-BG ...

## Noninvasive Markers of Disease Activity in Inflammatory ...

<https://www.gastroenterologyandhepatology.net/...> ▾

**Noninvasive** markers of **disease activity** are becoming important criteria for enrollment in clinical trials, and the limitations of the Crohn's **Disease Activity** Index (CDAI) as an accurate gauge of **disease activity** were noted most visibly with the SONIC (Study of Biologic and Immunomodulator-Naive **Patients** in Crohn's **Disease**) trial. 4 ...

## Evaluation of inflammatory activity in Crohn's disease and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/22408345>

Mar 07, 2012 · In order to evaluate the overall state of well-being of **patients**, with a focus on various domains, the **Inflammatory Bowel Disease** Questionnaire is the most widely accepted **disease**-specific instrument and measures separate domains for **bowel**, social, systemic and emotional function[].In UC, the clinical **activity** index most commonly used to define the severity of **disease** ...

**Cited by:** 124 **Author:** Eduardo Garcia Vilela, Henrique Osvald...

**Publish Year:** 2012

## Diagnostic Performance of the (1 -> 3)-beta-D-Glucan Assay ...

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