

Patients Name	Date of Birth	Gender
Doe, Jon	05.05.1955	male

Test	Result	Unit	Reference Value
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Clinical / Anamnestic data

Anamnesis see text

Suspect of mucosal immuno deficiency

Intestinal Immunology

secretory IgA	4822	+	µg/g	510 - 2040
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Increased value of secretory IgA, indicating an increased activity of mucosal immuno system due to a mucosal inflammation.

A mucosal immuno deficiency due to a lack of secretory IgA could not be detected.

Secretory IgA is the first barrier against infections of the gastro intestinal mucosa. It is secreted through the epithelial cells which are lined on the inside of the intestine lumen. Sekretory IgA limits the mobility and adhesion of target antigens to mucosal sites by binding onto their surface. It also activates the complement reaction and inflammatory reactions.

Possible target antigens are pathogenic bacteria, viruses, parasites, other intruding microorganisms or chemical compounds like proteins (e.g. Gliadin).