

# EliA™ Anti-IgA

*Makes immunoglobulin therapy safer*

## Whom to test?

- Patients with IgA deficiency. Anti-IgA antibodies occur in up to 40% of them.<sup>1</sup>
- Patients with Common Variable Immunodeficiency (CVID). Anti-IgA antibodies are detected in up to 25% of them.<sup>1</sup>
- Celiac disease patients. Up to 3 % of them show IgA deficiency, compared to only app. 0.2 % of the general population.<sup>2</sup>

## Why to test?

- Patients having anti-IgA antibodies may show severe anaphylactic reactions upon immunoglobulin therapy or blood transfusion.<sup>1</sup>
- The frequency of transfusion reactions is as high as up to 1 in 30 in IgA deficiency, compared to only 1 in 30 000 in the general population.<sup>3</sup>

## When to test?

- If immunoglobulin therapy is indicated.
- Before a blood transfusion.
- For investigation of transfusion related reactions.

## Why EliA Anti-IgA?

- EliA offers a broad panel of fully automated high quality serum tests for autoimmune diseases, including 4 analytes for celiac disease (tTG IgA and IgG, deamidated gliadin IgA and IgG).
- All EliA tests can be performed on the same instruments (Phadia 100, 250, 2500 and 5000) which are designed to fit every lab size.
- A simultaneous measurement of celiac analytes and anti-IgA is easy, time-saving and gives several important information in one step.
- Delivers simple and fast results, independant of numbers of samples – best service to clinicians.



## EliA Anti-IgA: No false positive results - extremely high specificity

- The performance of EliA Anti-IgA was assessed in a study using 97 samples from patients with IgA deficiency and 138 controls with normal IgA level, such as infections, hypergammaglobulinaemia, gammopathies and celiac disease (Fig. 1).
- Only IgA deficient samples showed positive results, providing the test with an optimal positive predictive value and high clinical usefulness.

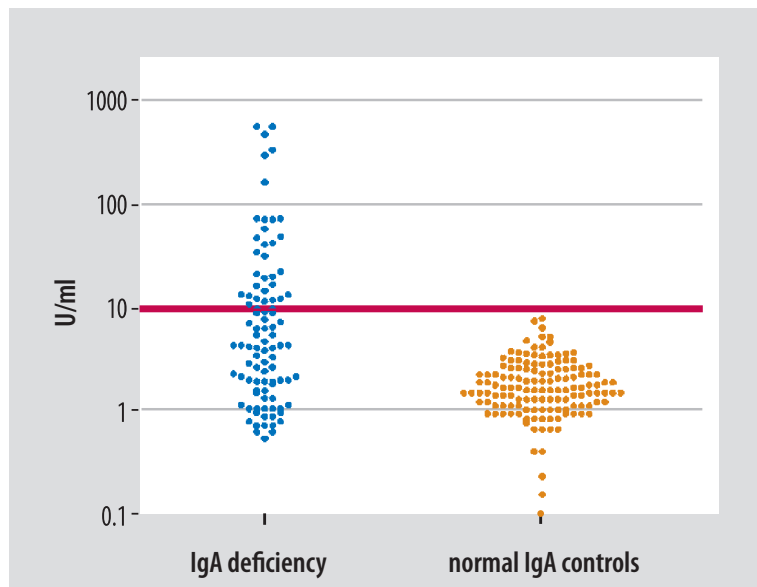


Fig. 1: Clinical performance of EliA Anti-IgA

## Ordering information

### Product

- EliA™ Anti-IgA Well

Article number	Content
14-5535-01	24 determinations

### Controls

- EliA™ Anti-IgA Positive Control 100
- EliA™ IgG/IgM/IgA Negative Control 100
- EliA™ Anti-IgA Positive Control 250
- EliA™ IgG/IgM/IgA Negative Control 250
- EliA™ Anti-IgA Positive Control 2500/5000
- EliA™ IgG/IgM/IgA Negative Control 2500/5000

83-1079-01	6 x 2 determinations
83-1042-01	6 x 2 determinations
83-1080-01	6 x 2 determinations
83-1037-01	6 x 2 determinations
83-1089-01	6 x 2 determinations
83-1074-01	6 x 2 determinations

For general reagents please see Phadia Autoimmunity Product Catalog.

## References

1. Horn J et al (2006) Anti-IgA antibodies in Common Variable Immunodeficiency (CVID): Diagnostic workup and therapeutic strategy. Clin Immunol 122, 156–162
2. Kumar V et al (2002) Celiac disease and immunoglobulin A deficiency: How effective are the Serological Methods of Diagnosis? Clin Diag Lab Immunol 9, 1295-1300
3. Lilic D, Sewell WAC (2001) IgA deficiency: what we should – or should not – be doing. J Clin Pathol 54, 337-338

# Phadia

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