

Your Test Results - Neuropeptides

SUMMARY

1. Trans-indolyl-3-acryloylglycin (IAG) is present but not as the largest peak in the relevant area.
2. Detection of gluten-derived peptide/s.
3. Detection of casein-derived peptide/s.



RESULTS

IAG Results

The below result shows the IAG abundance in cps (counts per second).

Present = 430259 / SG = 425577.6 tps / Kg/L

Gluten-derived peptides:

The below results show the possible presence or absence of the respective gluten-derived peptides.

Gluten exorphin A5 **Not present**
Gluten exorphin B5 **Not present**
Gluten exorphin C **Present**

Casein-derived peptides:

The below results show the possible presence or absence of the respective casein-derived peptides.

| | | | |
|------------------------------|--------------------|------------------------------|--------------------|
| beta-casomorphin 1-3 amide | Not present | beta-casomorphin 1-5 amide | Not present |
| beta-casomorphin 1-3 acetate | Not present | beta-casomorphin 1-5 acetate | Not present |
| beta-casomorphin 1-4 amide | Not present | beta-casomorphin 1-6 acetate | Present |
| beta-casomorphin 1-4 acetate | Not present | beta-casomorphin 1-7 acetate | Not present |

GENERAL INFORMATION

IAG Interpretation

High levels of IAG indicate that it could be advantageous to go onto a gluten free diet. Preliminary studies have suggested that levels of IAG decrease following the use of a gluten free diet after several months on dietary intervention. There are a number of caveats that tend to influence the level of any improvement gained. These include: the chronological age of the person (younger children tend to be best responders) and the level of severity of behaviours (the more severely affected persons show the most positive effects).

Gluten-Derived Peptides Interpretation

The presence of one or more gluten-derived peptides would suggest that a gluten-free diet may be useful in ameliorating symptoms. Due to the relatively slow excretion of gluten peptides from the body, an initial trial period of 4-6 months is suggested.

Casein-Derived Peptides Interpretation

The presence of one or more casein-derived peptides would suggest that a casein-free diet may be useful in ameliorating symptoms. Due to the rapid excretion of casein peptides from the body, we normally suggest an initial trial period of between 4-5 weeks using the casein-free diet.