## Gluten-Free Diet: a contribution to safety and informed choices

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## Introduction


 intolerances.

 (GFD) throughout life.
 complex and challenging diet but recent advances in the food industry are making it easier to follow.
 demonstrated that these products are poor sources of minerals, vitamins and fibre; therefore, its nutritional content is an increasing area of concern.
 related to the metabolic syndrome. Therefore, getting nutritional therapy should be an essential part of this complex disease.


 applicable since January of 2012 , concerns the composition and labelling of foodstuffs suitable for people with gluten intolerance.

 particular nutritional uses, in order to evaluate food products labelled "gluten-free".

## Aims

The aims of this work were to evaluate the conformity of labelling, connected with gluten-free information, and to carry out analysis for detection and quantification of gluten in foodstuffs from food industry, so that reliable information can be inserted on the labels.

## Methodology and Results


 of wheat, barley and rye prolamins from both unheated and heated foods.
Table 1. Analytical limits of Sandwich R5-ELSA method.

## Conclusion

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[^0]:     information "Gluten-free" inserted on the labels, as all the samples contained levels of gluten below $20 \mathrm{mg} / \mathrm{Kg}$.
    This study underlines the importance of the laboratory in ensuring that the information "gluten-free" on the labels is reliable, so people with CD can make informed choices about the products available on the market.

