9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Gliadin Native

Gliadin Triticum Aestivum Grain Native
RCP0924

Product Overview

Name	Gliadin Native

Description

Gliadin Triticum Aestivum Grain Native

Introduction

Gliadin is a common substrate of transglutaminase, which generates neo-epitopes by deamidation of glutamine side chains. In the past, serologic tests for gliadin antibodies usually were not very precise and were not enough for accurate diagnosis due to missing deamidated epitopes within the authentic gliadin fraction traditionally used in diagnostic test kits. deamidated Gliadin isoform matches to the deamidated neo-epitopes, which in the natural antigen are formed by transglutaminase-mediated glutamine side chain deamidation.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Gliadin is supplied in 20mM HEPES buffer pH-7.4 and 6M Urea.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Applications

Western blot with patient sample.

Immunological functions

1. Binds IgG and IgA-type human auto antibodies in sera of patients diagnosed with celiac disease. 2. Immunodot analysis with positive/negative samples.

Precautions

Gliadin Native is for research use only and not for use in diagnostic or therapeutic procedures.