

Molecular Innovations, Inc.

46430 Peary Court
Novi, MI 48377
TEL: (248) 896-0142
FAX: (248) 896-0148
<http://www.mol-innov.com>

Certificate of Analysis

Product: IgG, Human Plasma, Low Endotoxin – HU-GF-ED

Date: 5 December 2016

Lot: HU-GF-ED-120916DG

Molecular Weight: ~ 160,000 by SDS PAGE

Physical Specifications:

Physical Appearance: lyophilized powder

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = $5.236 \epsilon^{0.1\%} = 1.36$
Concentration = 3.85 mg/mL before lyophilization

Endotoxin Data:

0.05 EU/mg by LAL method

Considerations:

Polyclonal antibody purified from human serum shown to be non-reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

Class: IgG

Storage Conditions:

Store frozen at -70°C – stability > 1yr

Buffer Composition:

0.015M K Phosphate;
0.027M Na Phosphate;
0.15M NaCl; pH 7.2

Duane E. Day

Duane E. Day