



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

5171 Wilfong Road  
Memphis, TN 38134

USA

Telephone: 901-382-8716

Fax: 901-333-8223

Email: info@meridianlifescience.com

www.MeridianLifeScience.com

### CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** Z0B02-194

**Lot #:** 11L34315

**Description:** Protein A, Recombinant

**Source:** *E. coli*

**Format:** Purified, Liquid

<u>Test</u>	<u>Result</u>	<u>Specification</u>
Bioburden	No organisms detected	No organisms detected
Endotoxin	≤ 0.5 EU/mg	≤ 0.5 EU/mg
Protein Concentration (OD <sub>275</sub> )	57.4 mg/mL	≥ 50 mg/mL
10% SDS-PAGE (Coomassie Stain)	Single major band equivalent to reference.	Single major band 45 kDa ± 1 kDa
Purity (HPLC)	99.4%	≥ 98% at 214nm
	100%	≥ 95% at 280nm
hIgG Binding	99.2%	≥ 95%
Conductivity	0.04 mS/cm	< 0.1 mS/cm
UV Spectrum	1.7	E <sub>270/250</sub> ≥ 1.2
	0.16	E <sup>0.1%</sup> at 270nm = 0.14-0.20
Triton Content	no peak detected	≤ 0.015%
Isoelectric Focusing	Single major band apparent at pI 4.7	Single band between 4.6 and 5.2 pI markers

**Preservative:** None

**Applications:** Specific methodologies have not been tested using this product.

**Inactivation:** Not Applicable

**Storage:** Store at ≤-20°C. Avoid multiple freeze/thaw cycles.

Signature

09 Dec 2015

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**