



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

# Certificate of Analysis and Data Sheet

## Human PDGF-AA, Recomb.

**Catalog No.**  
MD-14-0247P

<b>Description:</b>	Human Platelet Derived Growth Factor AA (PDGF-AA), Recombinant Recombinant Human Platelet Derived Growth Factor AA is a homodimeric, non-glycosylated, polypeptide chain containing 2 x 125 amino acids and having a total molecular weight of 28,511 Da. The sequence of the first five N-terminal amino acids was determined to be Ser-Ile-Glu-Glu-Ala. Contains less than 1% dimers and aggregates.
<b>Source:</b>	E. coli
<b>Format:</b>	Purified, Lyophilized Reconstitute using sterile deionized water to a concentration >100ug/ml. Further dilutions can be made in other aqueous buffers.
<b>Purification:</b>	>97% pure (HPLC, FPLC and reducing and non-reducing SDS-PAGE). Endotoxin level is less than 0.1ng/ug (IEU/ug). Purified by chromatographic techniques. Product is sterile filtered.
<b>Concentration:</b>	Not applicable
<b>Buffer:</b>	Not applicable
<b>Preservative:</b>	None
<b>Applications:</b>	The ED50 as determined by the dose-dependent proliferation of murine BALB/c 3T3 indicator cells (measured by 3H-thymidine uptake) is <1ng/ml, corresponding to a specific activity of 1 MIU/mg. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Storage:</b>	The lyophilized product, though stable for 3 weeks at room temperature, is best stored at -20°C. After reconstitution, short term (up to 1 week) store at 2-8°C. Long term, add 0.1% HSA or BSA, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
<b>Inactivation:</b>	Not applicable

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**