



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
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Glut. Pyruvate Transaminase

Catalog No.
MD-14-0037P

Source:
Human Heart

Description:

Glutamate Pyruvate Transaminase (GPT)
Contaminants:
GOT 0.45%
ALP <0.002%
GGT <0.004%

Format:

Purified, Lyophilized

Concentration:

Protein: 0.84mg protein per vial
Specific activity: 29 Units/mg protein
One unit will catalyze the transamination of one micromole of L-alanine to alpha-ketoglutarate, forming L-glutamate and pyruvate per minute at 37°C and pH 7.8. Measured at 340nm as one equimolar amount of NAD produced by a coupled reaction.

Buffer:

Lyophilized from 10mM Tris-HCl, pH 7.0, 100mM Sodium chloride, 1mM EDTA, 1mM DTE, 10mM alpha-Ketoglutarate, 20ug/ml Pyridoxal-5-phosphate

Preservative:

None

Applications:

Specific methodologies have not been tested using this product.

Storage:

Store at -20°C. Avoid multiple freeze/thaw cycles.

Inactivation:

Not applicable

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