Recombinant Anti-Human Glucagon Antibody

Cat. No: DA-2013

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview
Recombinant Rabbit Monoclonal Antibody is specific to human glucagon

Antigen Description
Synthetic peptide derived from amino terminus of active human glucagon

Target
Human glucagon

Immunogen
Synthetic peptide derived from human glucagon

Species Reactivity
Human

Type
Rabbit IgG - kappa

Expression Host
CHO

Purity
>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Affinity
0.05 x 10^{-9} M

Applications
Suitable for use in WB and Sandwich ELISA, pairs with Cat. # DA-2014

Capture antibody: clone F7 (Cat. # DA-2013)

Detection antibody: clone G1 (Cat. # DA-2014)

Optimal dilutions /concentrations should be determined by the end user

Storage
Store at 4°C for up to 6 months. Store at -20°C long term.

Antigen Gene Information

Gene Name
glucagon

Official Symbol
GCG

Synonyms
GLP1, GLP2, GRPP, GLP-1

Gene ID
2641

mRNA Refseq
NM_002054.4

Protein Refseq
NP_002054.1

MIM
138030

UniProt ID
P01275

Chromosome Location
2q24.2

Figure 1. Sensitivity and linear range of Sandwich ELISA
The use anti-Glucagon DA-2013 as the capture antibody and anti-Glucagon DA-2014 as the detection antibody allows the detection of as little as 10 pg/mL to greater than 220 pg/mL of human glucagon.