

Catalog Number: QC326

Lot Number: P537835

Size: 1 vial/low, 1 vial/high

INTENDED USE & DESCRIPTION

For use as quantitative controls for the determination of Human CD40 Ligand concentrations in biological fluids. Concentrations have been assigned using the R&D Systems™ Human CD40 Ligand/TNFSF5 Quantikine QuickKit ELISA kit. Controls are prepared in a buffered protein base with preservatives. They contain recombinant human CD40 Ligand at low and high concentrations. Controls are supplied lyophilized.

STORAGE & STABILITY

Unreconstituted controls should be stored at 2-8 °C and are stable for at least 6 months from date of receipt. Depending on the analyte of interest, reconstituted controls may be stable when stored at ≤ -20 °C. Users should evaluate the frozen stability of the controls in their application or discard after use.

REAGENT PREPARATION

Reconstitute each vial with the volume of deionized or distilled water indicated in the chart below.

Note: Do not use rocker or vortex.

PROCEDURE & EXPECTED VALUES

Controls should be used undiluted and assayed as unknown specimens.

The acceptable ranges (±3 SD) for the analyte in these controls are printed below. Due to possible variations in techniques and methodologies, it is recommended that each laboratory determine its own target range. Laboratories using other test systems should establish their own acceptable ranges as these assays may produce different values.

Analyte	Catalog #	Reconstitution Volume	Lot # 1783138 (pg/mL)	Lot # 1783139 (pg/mL)
Human CD40 Ligand	QK1012, SK1012, PK1012	2.0 mL	154-289	993-1843

TECHNICAL HINTS & LIMITATIONS OF THE PROCEDURE

- The ranges were determined using the R&D Systems Human CD40 Ligand Quantikine QuickKit ELISA kit. If expected values are not obtained, verify that the lot numbers on the vials correspond with the lot numbers listed above and the correct volume of deionized or distilled water was used for reconstitution of the controls.
- The results obtained with these controls depend upon several factors associated with methods and instrumentation. Test systems other than those supplied by R&D Systems may result in values that differ from those printed on this product datasheet.