



Quality Control Ranges
Mouse Metabolic Hormone Expanded Panel
Catalog No. MMHE-44K
Control Catalog No. MMHE-6044 Lot M6044-107 and M6044-207

<u>Hormone</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Hormone</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
C-Peptide	Control I	1275 – 2647	pg/mL	Leptin	Control I	1556 – 3231	pg/mL
	Control II	3682 – 7648	pg/mL		Control II	4500 – 9347	pg/mL
Ghrelin	Control I	176 – 366	pg/mL	MCP-1	Control I	983 – 2042	pg/mL
	Control II	534 – 1108	pg/mL		Control II	2964 – 6156	pg/mL
GIP	Control I	87 – 182	pg/mL	Secretin	Control I	242 – 502	pg/mL
	Control II	259 – 538	pg/mL		Control II	699 – 1452	pg/mL
GLP-1 Active	Control I	976 – 2027	pg/mL	PP	Control I	142 – 294	pg/mL
	Control II	2640 – 5483	pg/mL		Control II	427 – 888	pg/mL
GLP-1 Total	Control I	968 – 2010	pg/mL	PYY	Control I	147 – 305	pg/mL
	Control II	2405 – 4996	pg/mL		Control II	445 – 924	pg/mL
IL-6	Control I	600 – 1245	pg/mL	Resistin	Control I	3519 – 7308	pg/mL
	Control II	1814 – 3768	pg/mL		Control II	10300 – 21392	pg/mL
Glucagon	Control I	315 – 654	pg/mL	TNF α	Control I	21 – 44	pg/mL
	Control II	825 – 1714	pg/mL		Control II	63 – 130	pg/mL
Insulin	Control I	2604 – 5408	pg/mL	Amylin	Control I	1133 – 2352	pg/mL
	Control II	7312 – 15187	pg/mL		Control II	3132 – 6505	pg/mL

Note: The Quality Control Ranges are generated with overnight assay format using serum matrix provided in the kit.

MMHE-6044: M6044-107.207 (02 October 2025) • [SigmaAldrich.com/support](https://www.sigmaaldrich.com/support) • [SigmaAldrich.com](https://www.sigmaaldrich.com)