

Units:	pg/mL	pg/mL	pg/mL
Assay Name	Millipore Magnetic Adipokine Panel 2: Leptin	Millipore Magnetic Metabolic Hormone Panel	RnD Systems
Catalog Number	HADK2MAG-61K	HMHEMAG-34K	DPL00
Other Analytes On Multiplex	NGF, IL-6, Insulin, Leptin, IL-8, HGF, MCP-1, TNF-a, IL-1b	Amylin (Total), C-Peptide, Ghrelin, GIP, GLP-1 Active, GLP-1 Total, Glucagon, IL-6, Insulin, MCP-1, PP, PYY, TNF-a, Amylin Active	N/A
Volume Required Per Replicate	25uL	25uL	10uL
Typical Dilution	None	None	1:100
Manufacturer Defined Minimum Detectible Concentration	19.00 pg/mL	41.00 pg/mL	780.00 pg/mL
UVM Observed Minimum Detectible Concentration	19.00 pg/mL	41.00 pg/mL	1404.00 pg/mL
UVM Run Date	10/7/2015	10/9/2015	11/20/2014
SCS081611: 1	41306.460	25704.050	45019.043
SCS081611: 2	24676.040	14620.860	25849.212
SCS081611: 3	17288.480	11324.110	32431.317
SCS081611: 4	615.000	465.450	
SCS081611: 5	37233.900	21251.830	49526.577
SCS081611: 6	87079.710	45922.950	58825.984
SCS081611: 7	5811.150	3671.720	7123.949
SCS081611: 8	4406.980	2966.000	3700.460
SCS081611: 9	10085.340	6553.950	15675.560
SCS081611: 10	22209.340	14022.430	33937.556
SCS081611: 11	41113.880	26824.020	60143.136
SCS081611:12	375.880	234.140	
SCS081611: 13	18712.750	11386.730	15970.989
SCS081611: 14	4603.860	3631.370	9683.424
SCS081611: 15	6662.600	4434.570	9238.679
SCS081611: 16	383.500	276.110	
SCS081611: 17	8971.670	5807.130	9683.424
SCS081611: 18	13119.150	8428.540	16192.536
SCS081611: 19	1906.440	1239.600	2355.453
SCS081611: 20	11262.960	6754.110	13828.210
Average	17891.255	10775.984	24069.736

Notes:

Highlighted Yellow = Out of Range, Low

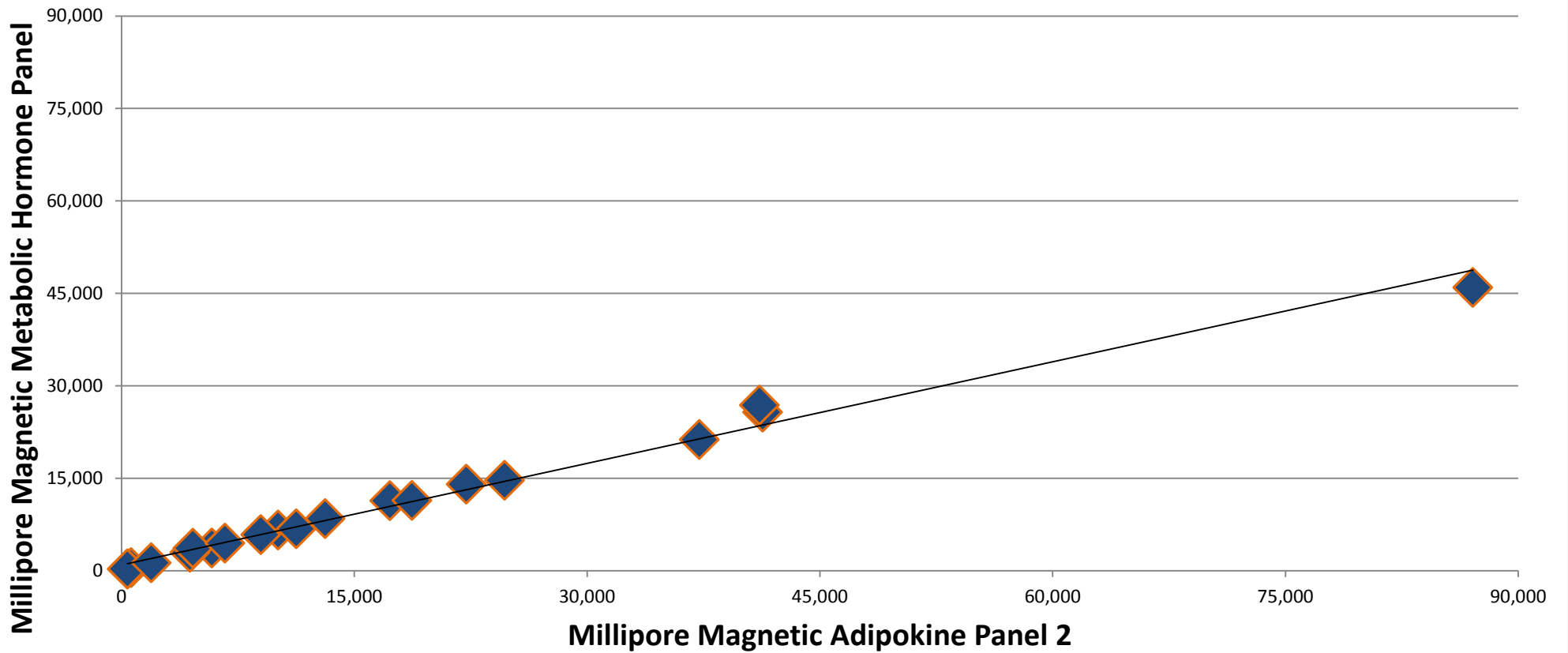
UVM Protocol is 10% extrapolation above or below highest and lowest standard curve point

All samples = serum from "Normal" population pool lot 081611, n=20.

Alternate; populations, sample type, storage conditions and/or endogenous level may yield different results

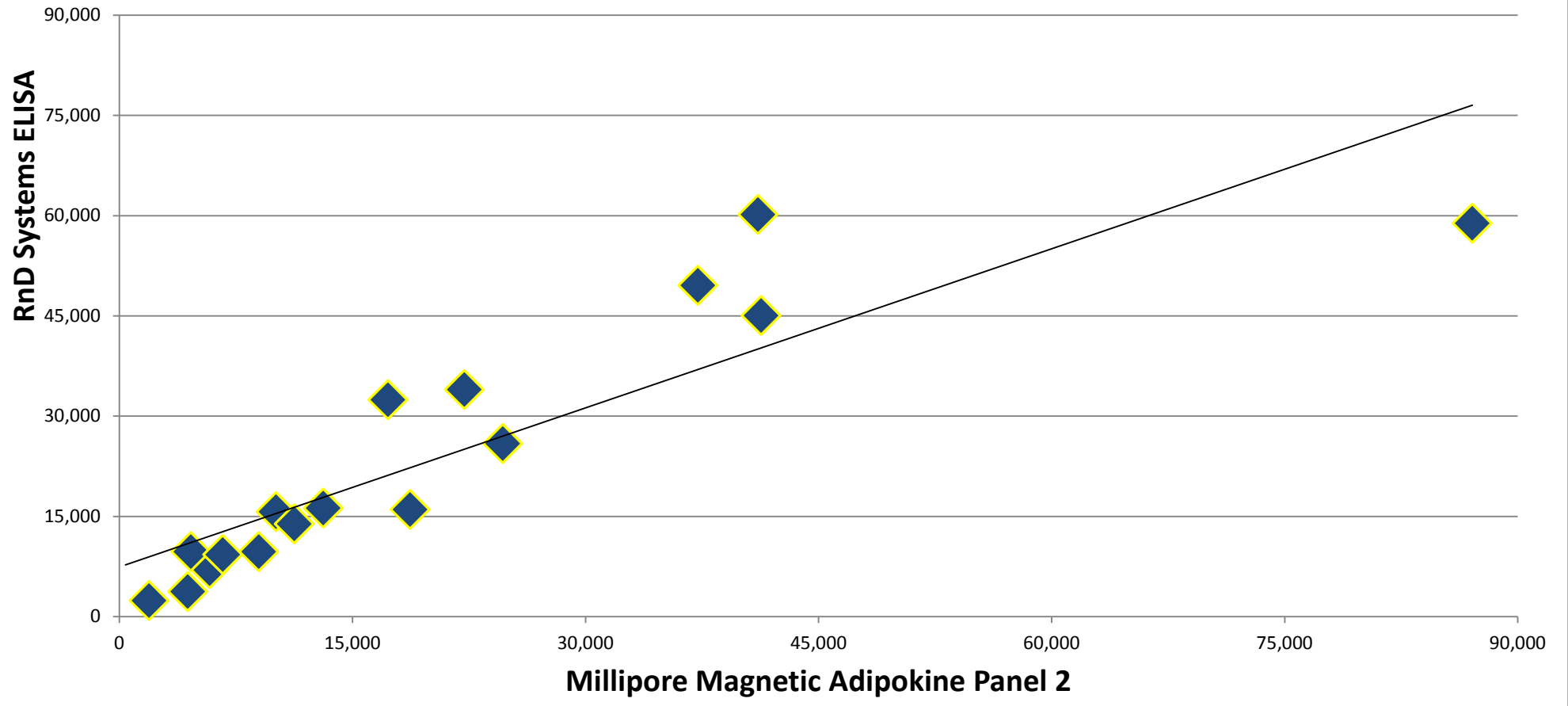
Serum Leptin: Millipore Magnetic Adipokine Panel 2 vs. Millipore Magnetic Metabolic Hormone Panel

$y = 0.5491x + 951.49$
 $R^2 = 0.9888$



Serum Leptin: Millipore Magnetic Adipokine Panel 2 vs. RnD Systems ELISA

$y = 0.7937x + 7427.2$
 $R^2 = 0.7768$



Serum Leptin: Millipore Metabolic Hormone Panel vs. RnD System ELISA

$y = 1.5191x + 4897.9$
 $R^2 = 0.8448$

