

Figure S1

Experimental Workflow

A

development of MRM-assay

B

validation of MRM-assay

peptides of interest

BSA

recombinant adiponectin analysis

labeled and unlabeled peptide analysis

LOD

LLOQ

measurement of linearity

serum

labeled peptide analysis

LOD

LLOQ

digestion

intra-assay

inter-assay

ELISA

MRM

RG

RYGB

RG

RYGB

baseline

follow up

baseline

follow up

total adiponectin

adiponectin multimers

X X X X X X X

C3

X X X X X X X

C3c

X X X

iC3b

X X X

RBP4

X X X X X X X

TTR

X X X

retinol

angiotensinogen

X X X X X X X