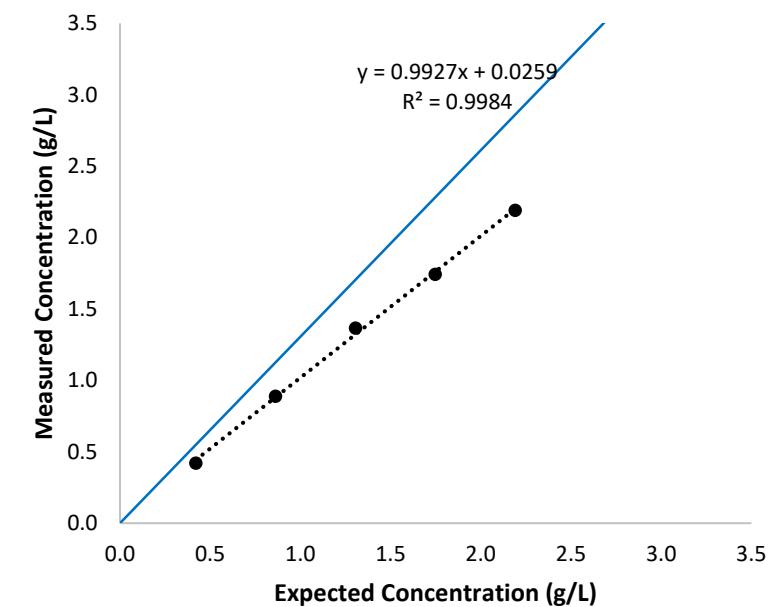
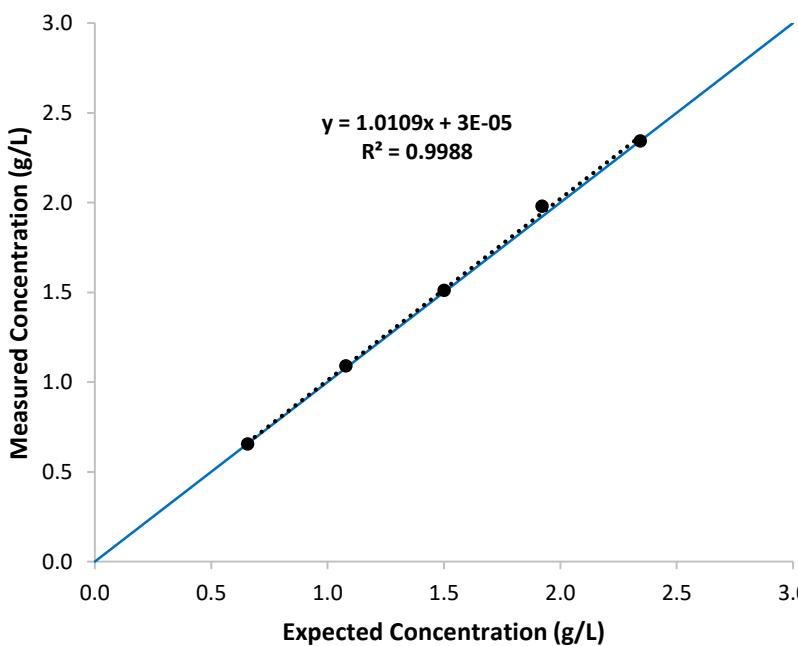
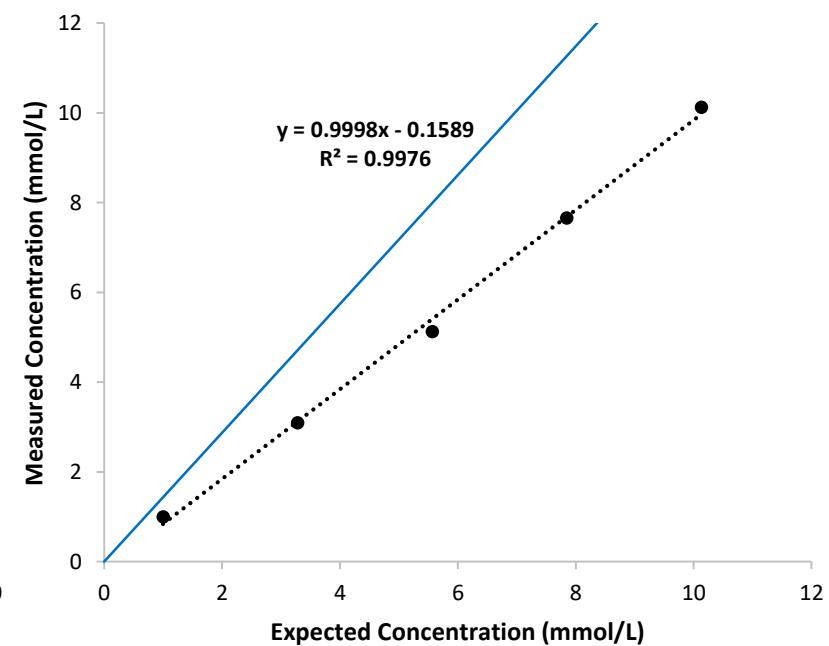
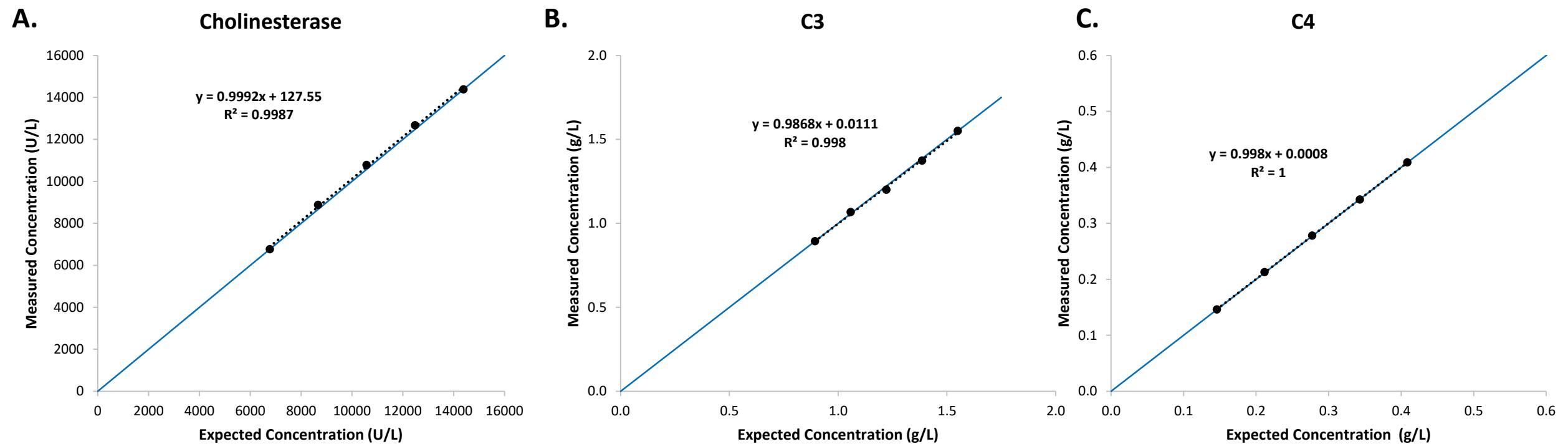
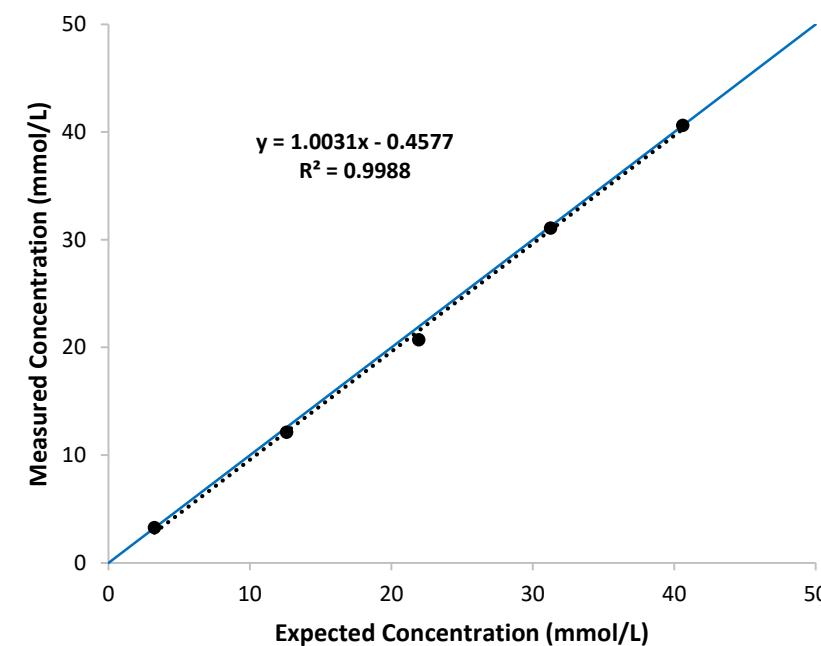
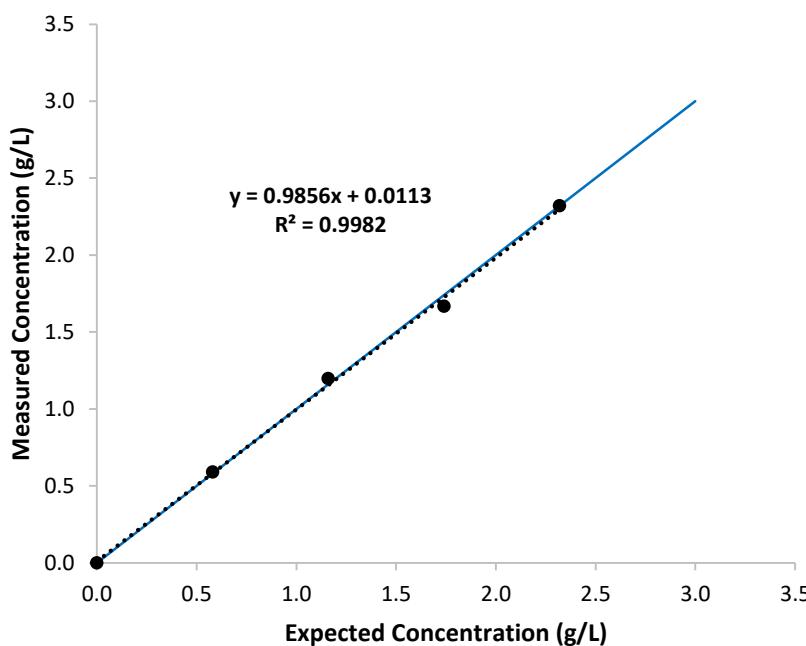
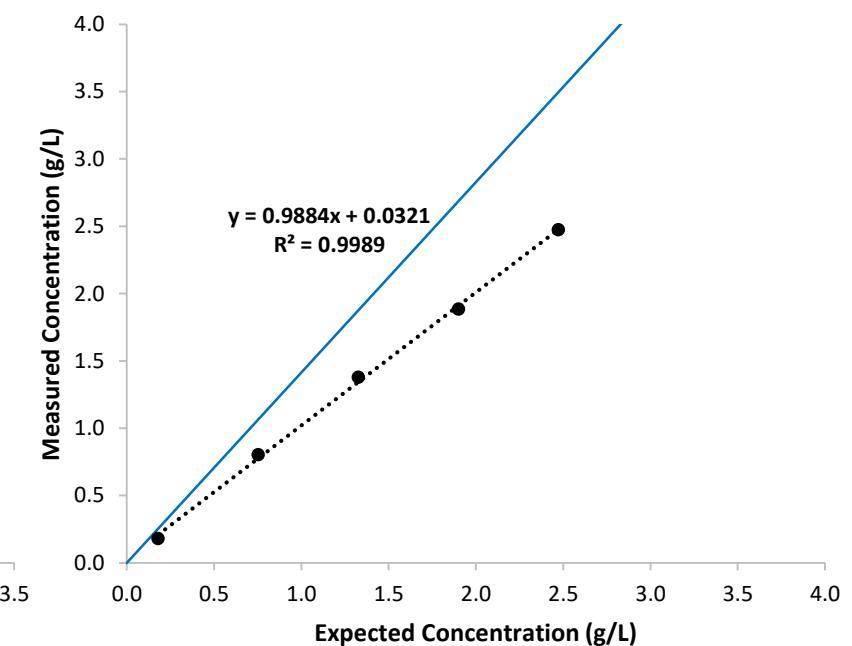


A.**Alpha-1AT****B.****Alpha-GP****C.****Lactate**

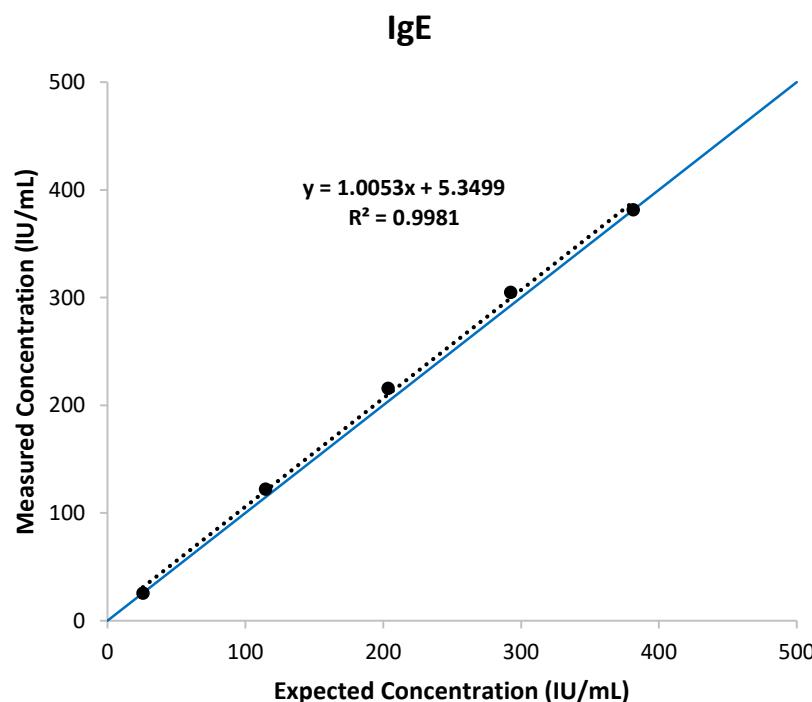
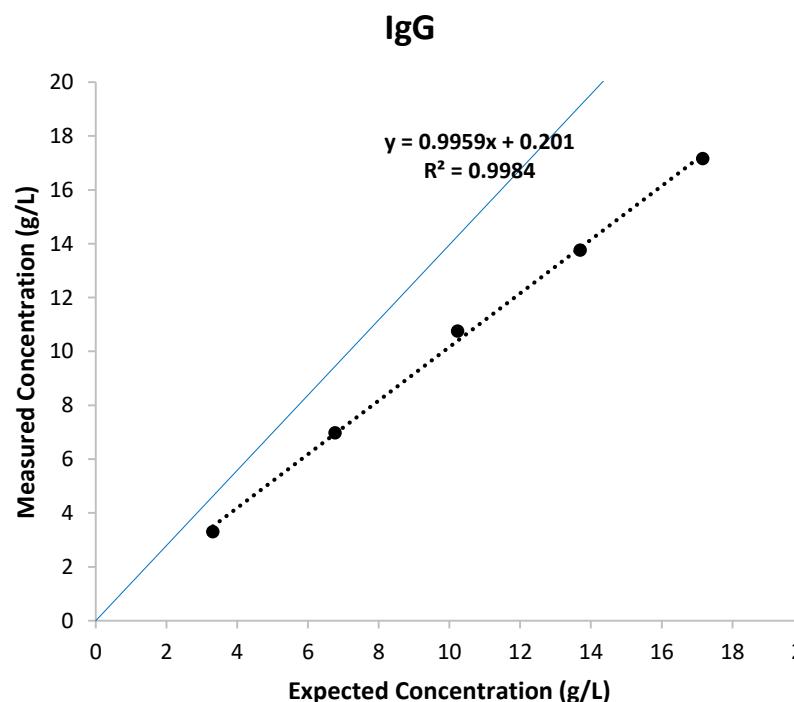
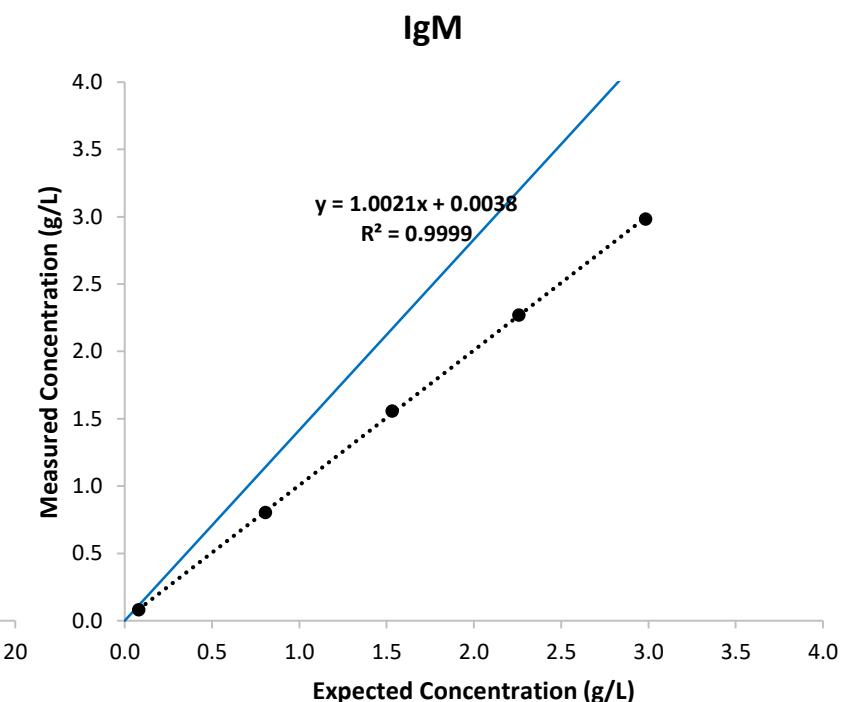
Supplemental Figure 1: Assay linearity measured using five-part linearity dilution series. All data points are presented as the average of triplicate measurements. Line of best fit was determined by Deming regression for **A)** alpha-1-antitrypsin, **B)** alpha-1-glycoprotein, **B)** lactate.



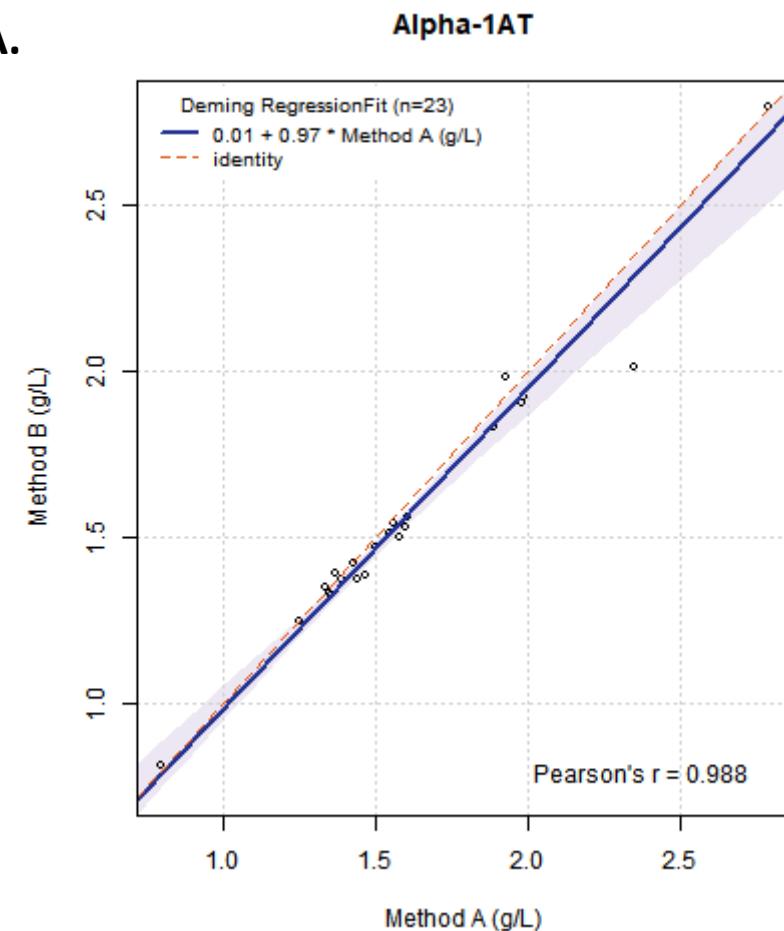
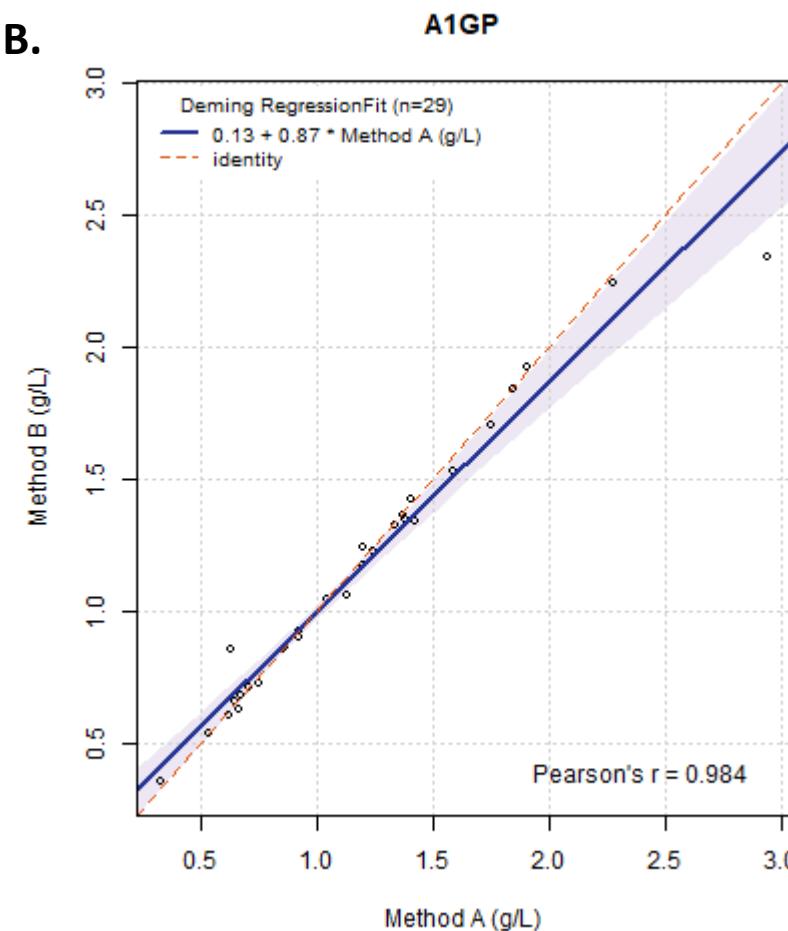
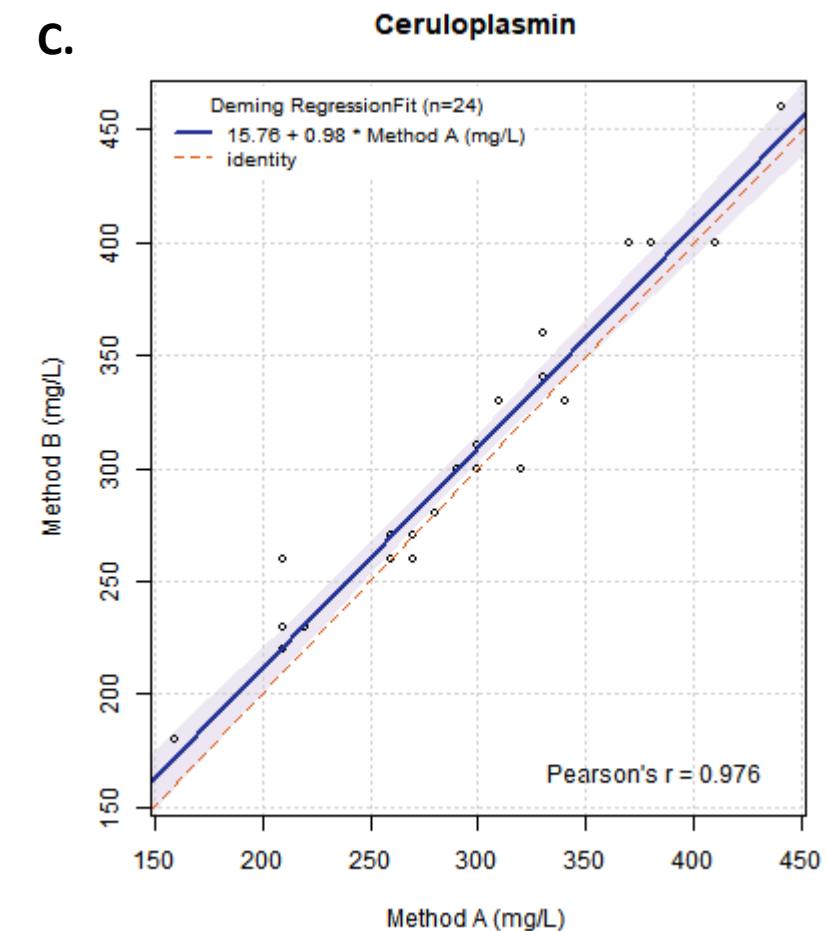
Supplemental Figure 2: Assay linearity measured using five-part linearity dilution series. All data points are presented as the average of triplicate measurements. Line of best fit was determined by Deming regression for **A**) cholinesterase, **B**) complement 3, **C**) complement 4.

A.**Glucose****B.****Haptoglobin****C.****IgA**

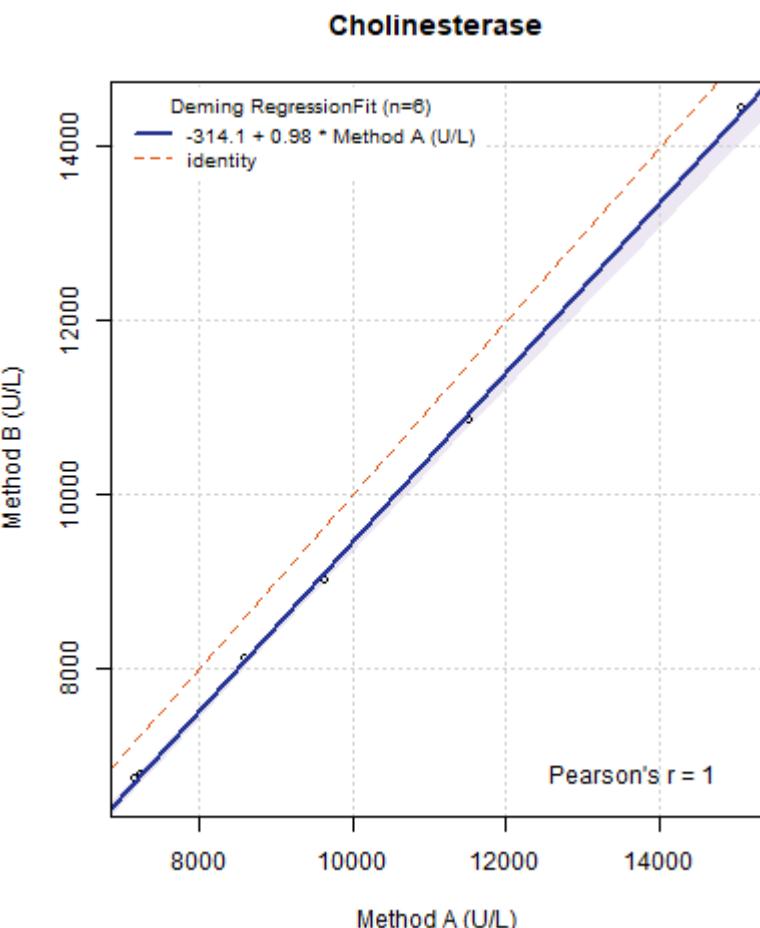
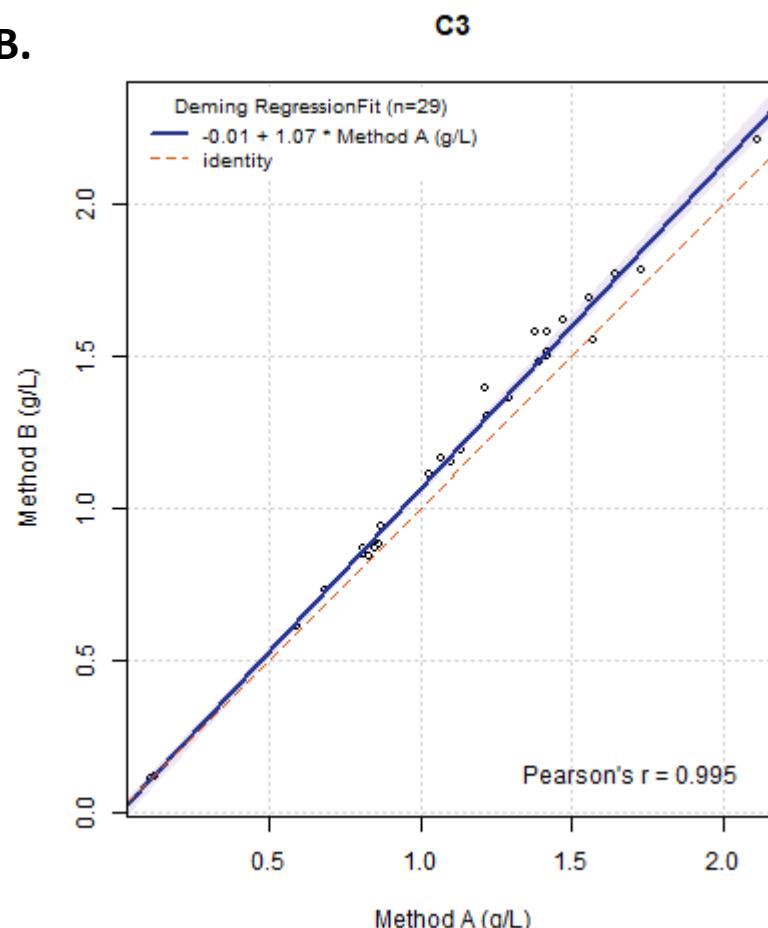
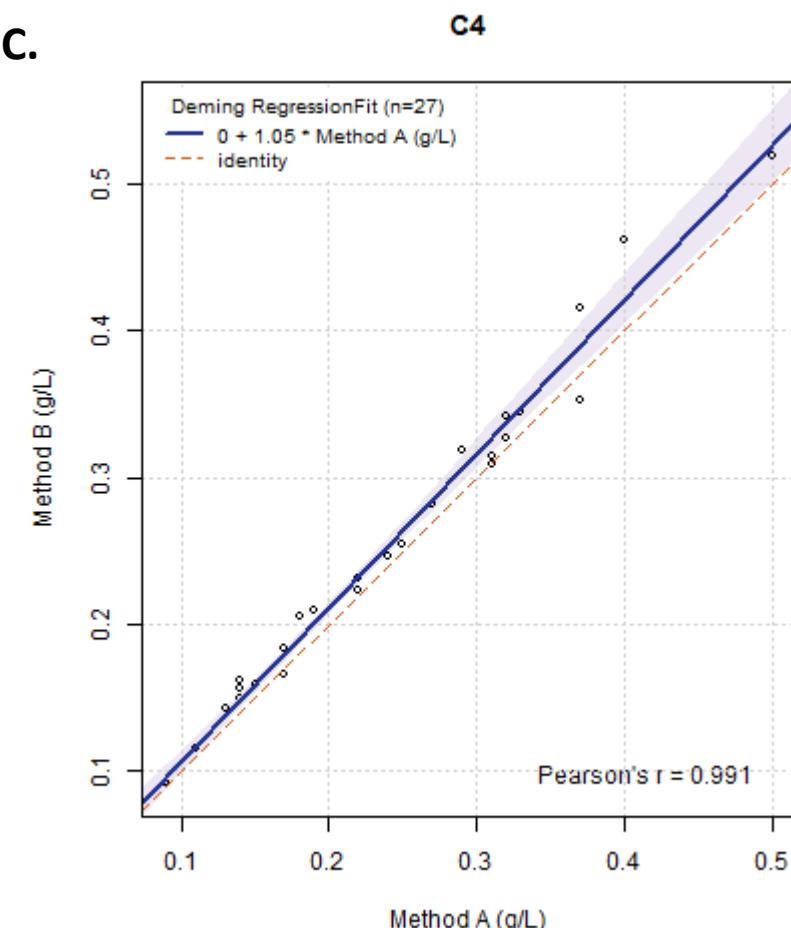
Supplemental Figure 3: Assay linearity measured using five-part linearity dilution series. All data points are presented as the average of triplicate measurements. Line of best fit was determined by Deming regression for **A)** glucose, **B)** haptoglobin, **C)** immunoglobulin A.

A.**B.****C.**

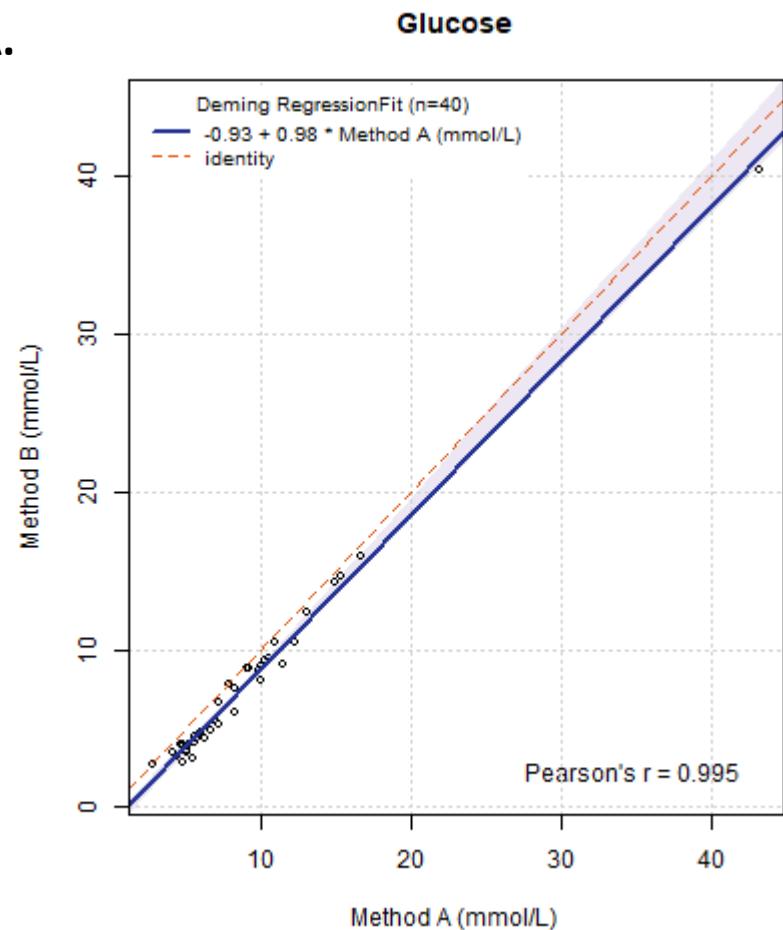
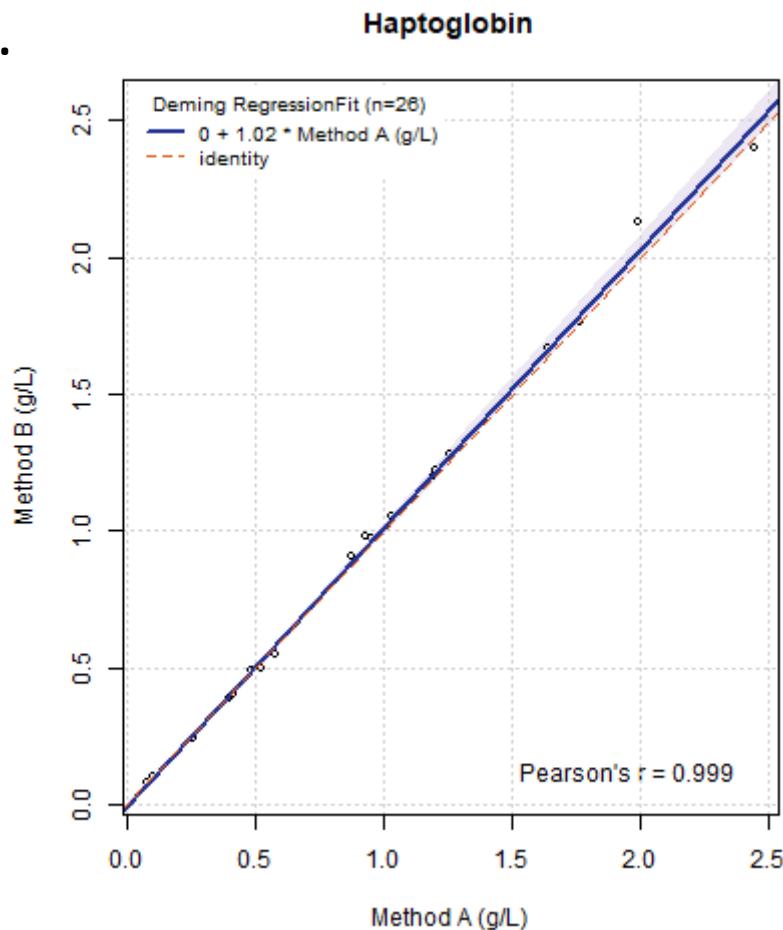
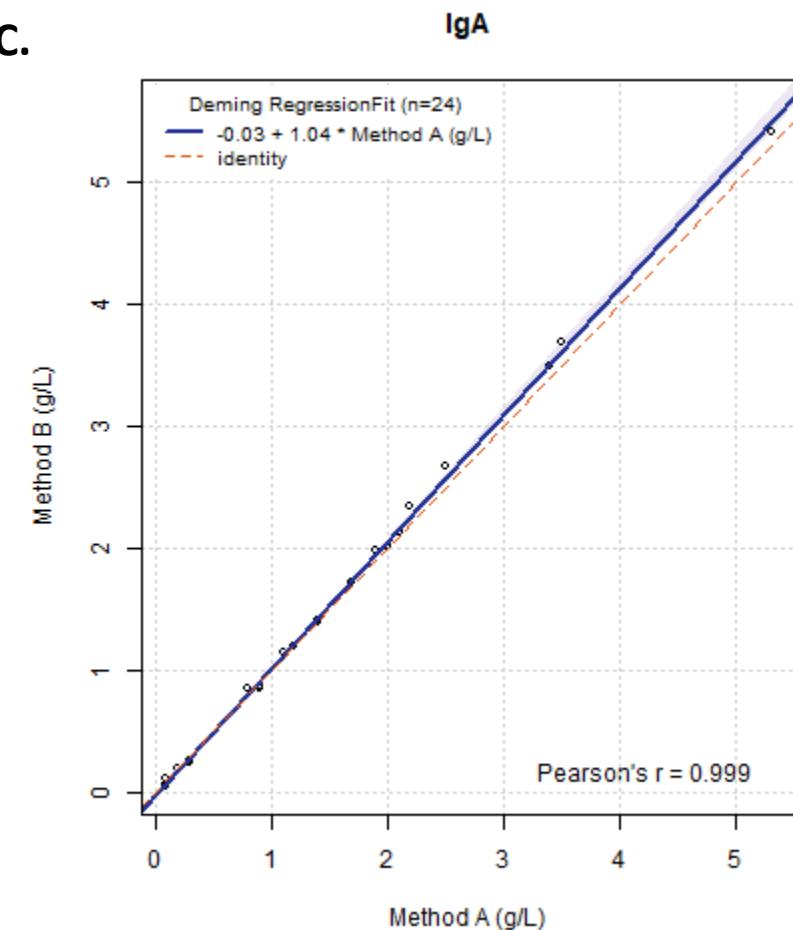
Supplemental Figure 4: Assay linearity measured using five-part linearity dilution series. All data points are presented as the average of triplicate measurements. Line of best fit was determined by Deming regression for **A**) immunoglobulin E, **B**) immunoglobulin G, **C**) immunoglobulin M

A.**B.****C.**

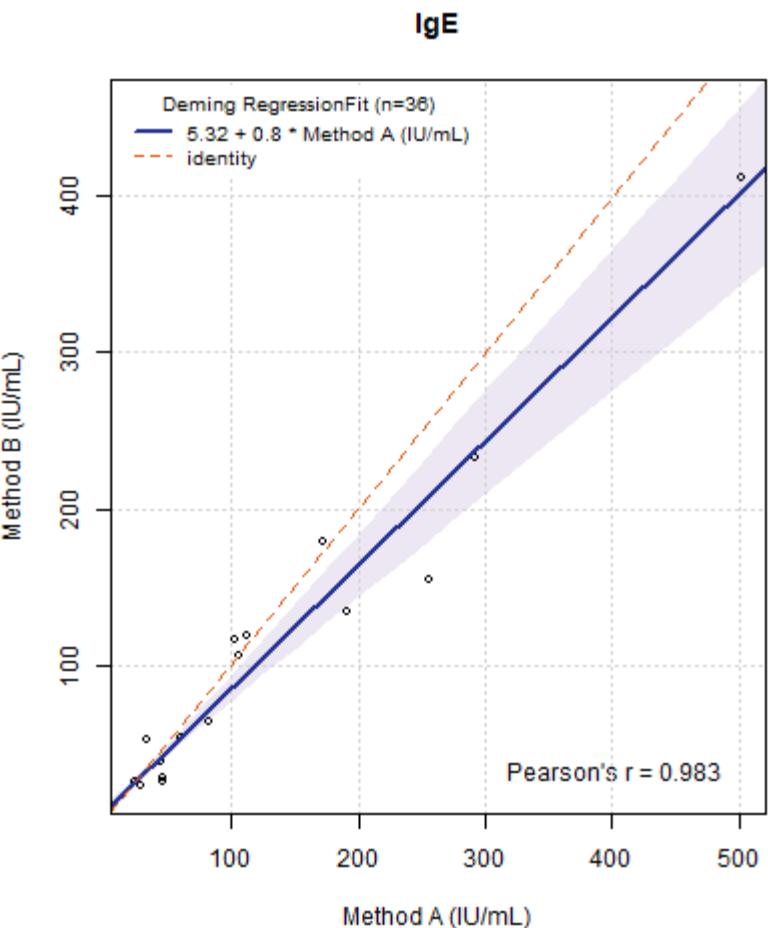
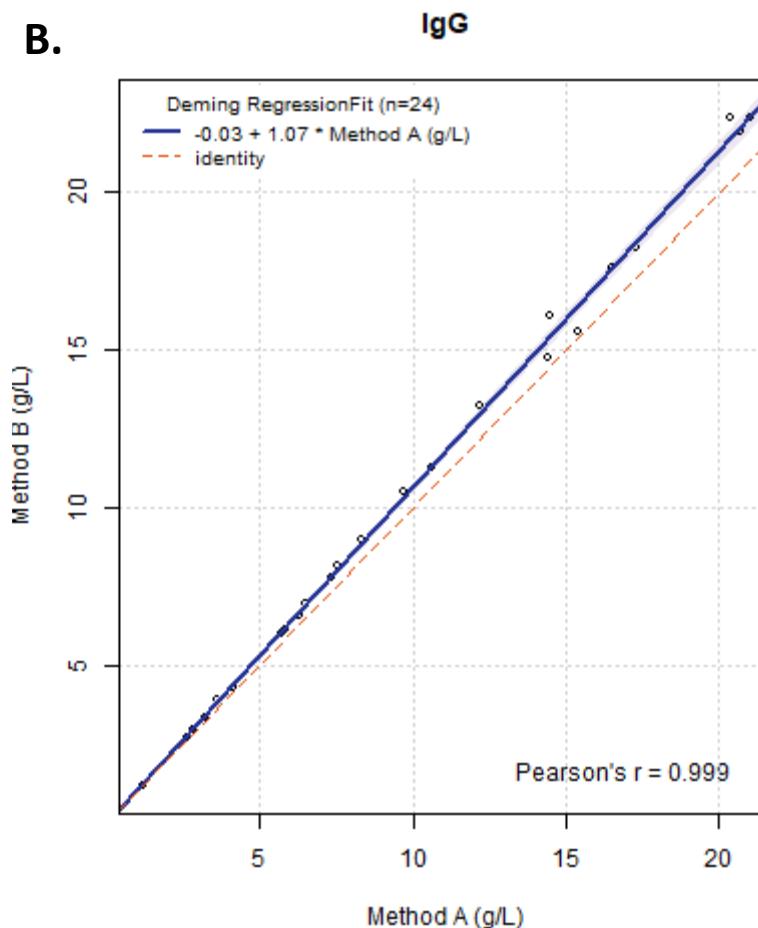
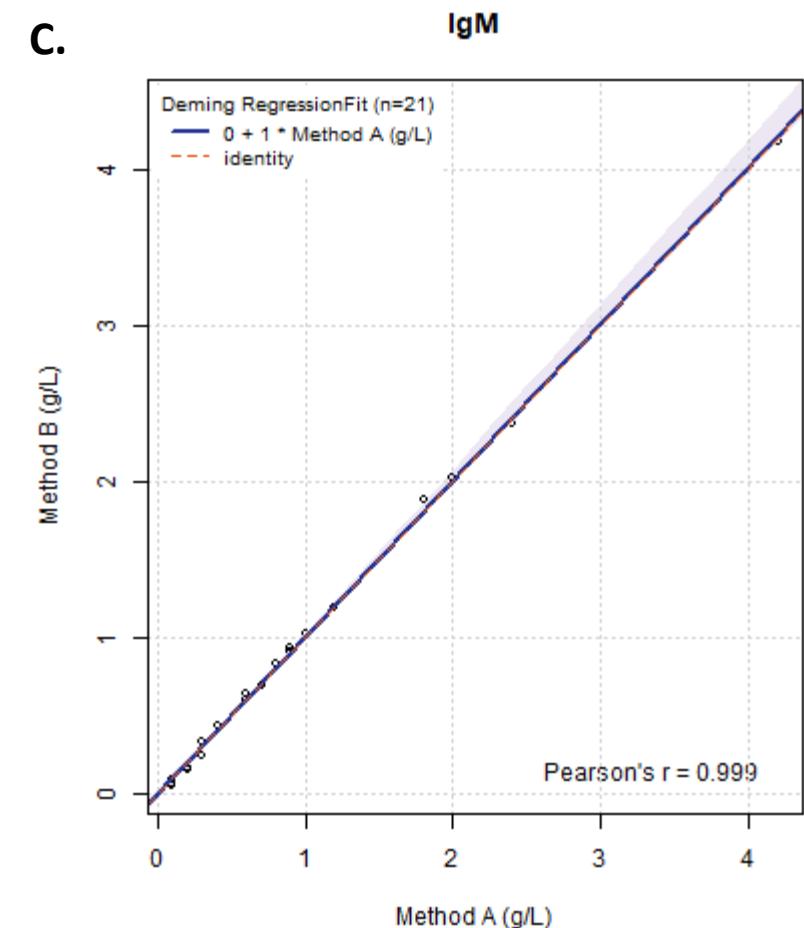
Supplemental Figure 5: Method comparison analysis for assays measured by Abbott ARCHITECT (x-axis) and Alinity (y-axis) systems. The dashed red line indicates the line of perfect agreement ($y=x$) and the solid blue line indicates the Deming regression line. **A)** Alpha-1-antitrypsin, **B)** Alpha-1-glycoprotein, **C)** Ceruloplasmin.

A.**B.****C.**

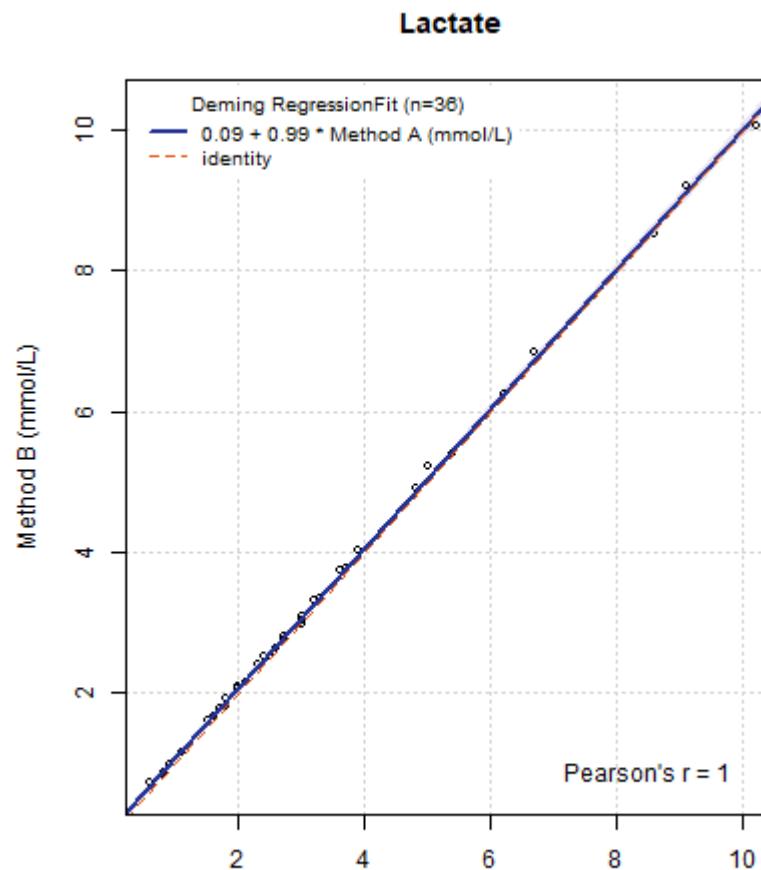
Supplemental Figure 6: Method comparison analysis for assays measured by Abbott ARCHITECT (x-axis) and Alinity (y-axis) systems. The dashed red line indicates the line of perfect agreement ($y=x$) and the solid blue line indicates the Deming regression line. **A)** cholinesterase, **B)** complement C3, **C)** complement C4.

A.**B.****C.**

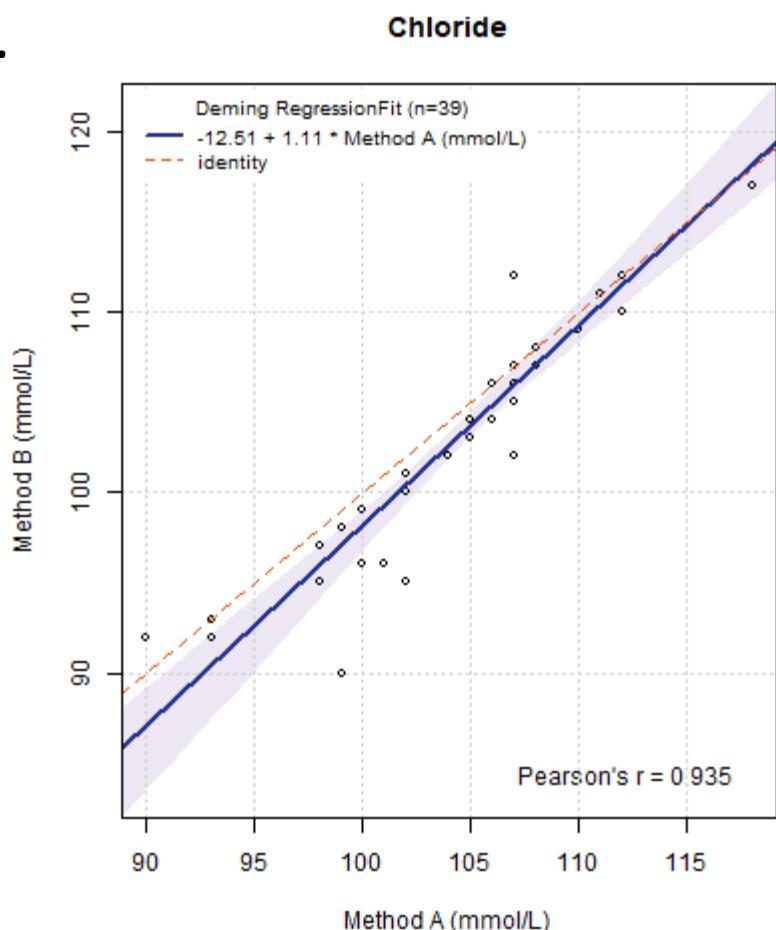
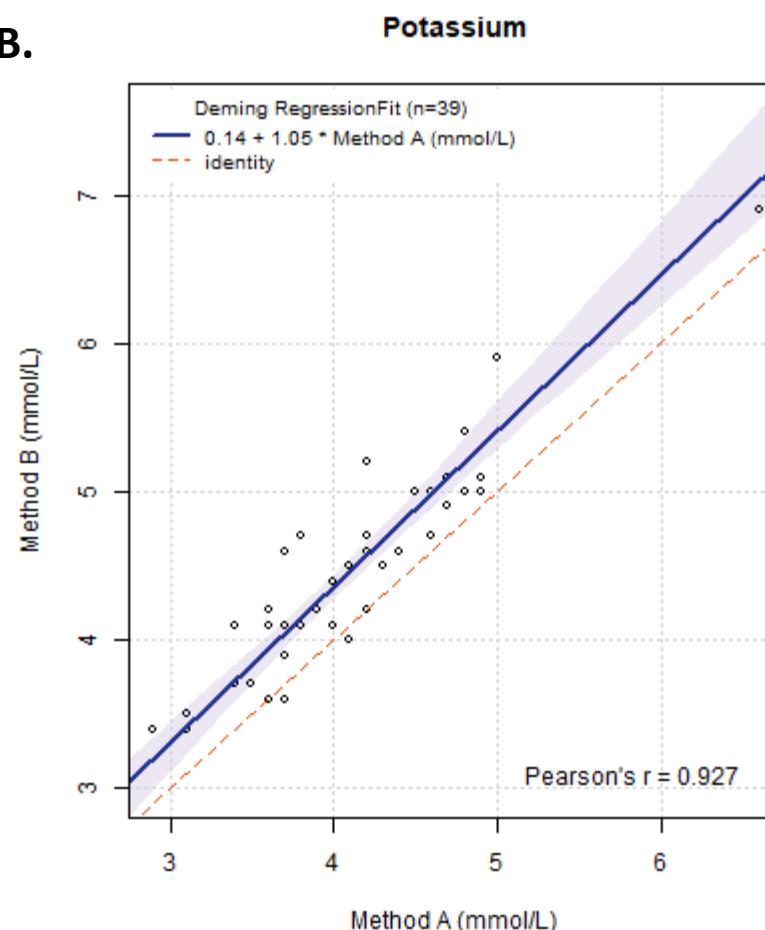
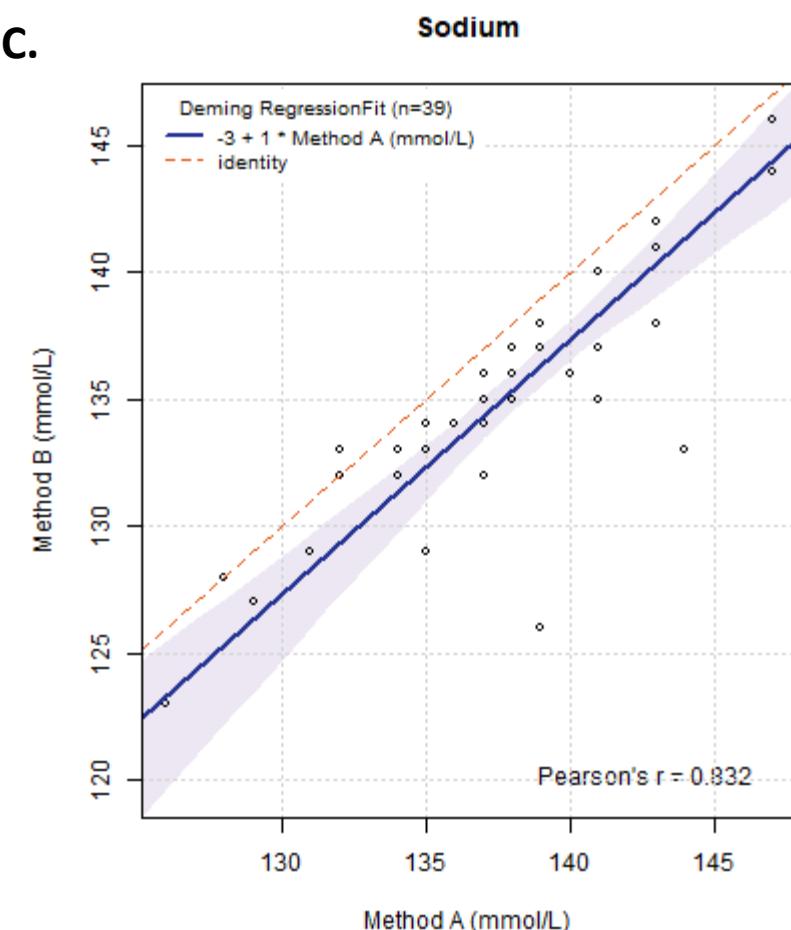
Supplemental Figure 7: Method comparison analysis for assays measured by Abbott ARCHITECT (x-axis) and Alinity (y-axis) systems. The dashed red line indicates the line of perfect agreement ($y=x$) and the solid blue line indicates the Deming regression line. **A)** glucose, **B)** haptoglobin, **C)** immunoglobulin A.

A.**B.****C.**

Supplemental Figure 8: Method comparison analysis for assays measured by Abbott ARCHITECT (x-axis) and Alinity (y-axis) systems. The dashed red line indicates the line of perfect agreement ($y=x$) and the solid blue line indicates the Deming regression line. **A)** immunoglobulin E, **B)** immunoglobulin G, **C)** immunoglobulin M.



Supplemental Figure 9: Method comparison analysis for lactate measured by Abbott ARCHITECT (x-axis) and Alinity (y-axis) systems. The dashed red line indicates the line of perfect agreement ($y=x$) and the solid blue line indicates the Deming regression line.

A.**B.****C.**

Supplemental Figure 10: Method comparison analysis for electrolytes measured by Abbott ARCHITECT (x-axis) and Alinity (y-axis) systems. The dashed red line indicates the line of perfect agreement ($y=x$) and the solid blue line indicates the Deming regression line. **A)** Chloride, **B)** Potassium, **C)** Sodium