

Assay performance:

In order to assess the quantitative performance for C2, C9, MBL and SAA limit of quantification (LOQ) six-point standard curves spanning six logs in concentration, from 10 nM to 10 fM, in buffer were generated. The upper limit of quantification (ULOQ), the lower limit of quantification (LLOQ) and the dynamic range of quantification (ROQ) were measured. Standard curves and precision profiles for all 4 analytes are shown below:

1. Complement C2 (C2):

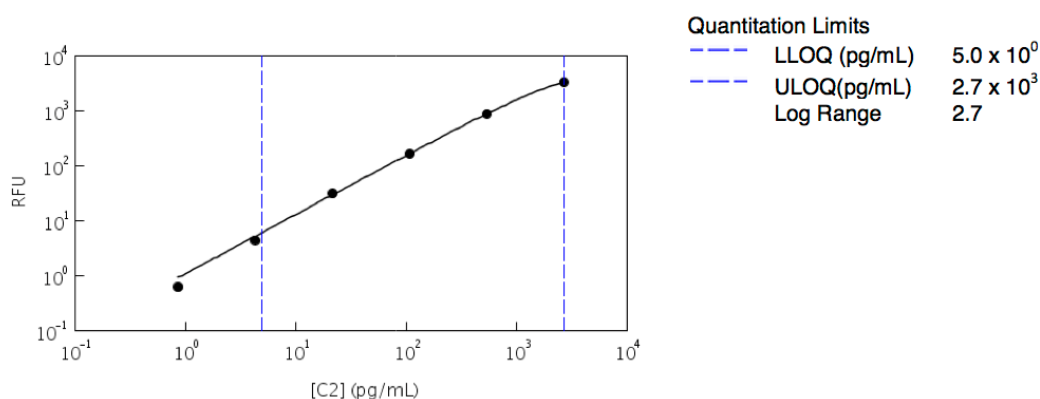


Figure 1 Standard curve for C2

Table 1 Precision profile for C2

Plasma (Human)						
Sample	Intra-Assay Precision			Inter-Assay Precision		
	low	med	high	low	med	high
n	9	9	9	3	3	3
Mean (pg/mL)	727.3	1318.8	1608.6	727.3	1318.8	1608.6
% CV	3.2	5.1	3.5	3.9	0.7	2.4

2. Serum amyloid A-1 protein (SAA):

STANDARD CURVE

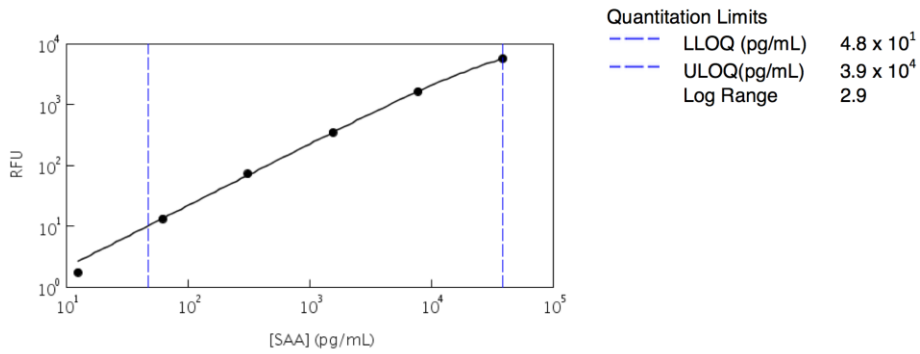


Figure 2 Standard curve for SAA

Table 2 Precision profile for SAA

PRECISION

Plasma (Human)

Sample	Intra-Assay Precision			Inter-Assay Precision		
	low	med	high	low	med	high
n	9	9	9	3	3	3
Mean (pg/mL)	116.4	1601.6	3870.1	116.4	1601.6	3870.1
% CV	17.3	5.8	6.9	15.8	3.5	6.9

3. Complement C9 (C9):

STANDARD CURVE

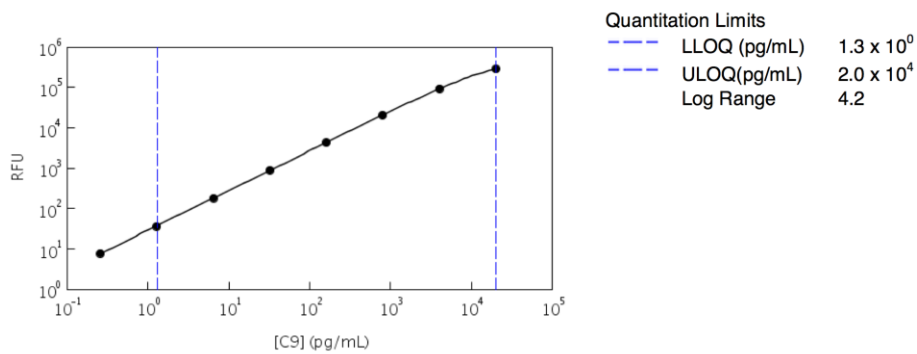


Figure 3 Standard curve for C9

Table 3 Precision profile for C9

PRECISION						
Plasma (Human)						
Sample	Intra-Assay Precision			Inter-Assay Precision		
	low	med	high	low	med	high
n	9	9	9	3	3	3
Mean (pg/mL)	26733.3	51445.1	80169.2	26733.3	51445.1	80169.2
% CV	4.1	4.5	4.5	2.3	3.9	1.9

4. Mannose-binding protein C (MBL):

STANDARD CURVE

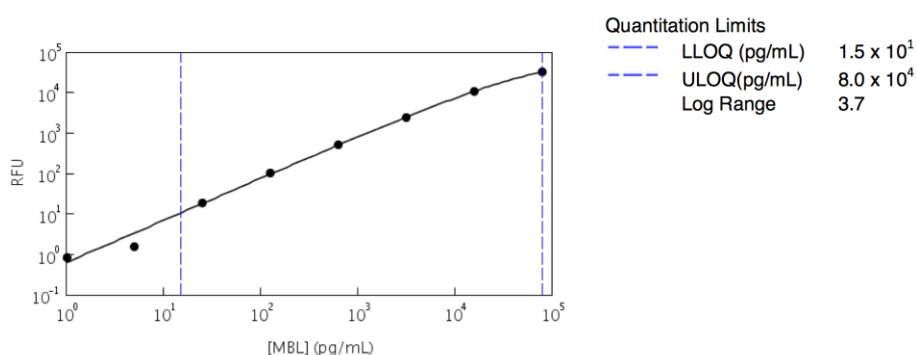


Figure 4 Standard curve for MBL

Table 4 Precision profile for MBL

PRECISION						
Plasma (Human)						
Sample	Intra-Assay Precision			Inter-Assay Precision		
	low	med	high	low	med	high
n	9	9	9	3	3	3
Mean (pg/mL)	116.4	1601.6	3870.1	116.4	1601.6	3870.1
% CV	17.3	5.8	6.9	15.8	3.5	6.9