

## Analytical Data

- Rhein concentration (ng/ml) in subjects, pre glucosamine administration:

Subjects' blood samples collected in stage 1 during the clinical part of the study were prepared for analysis according to method of sample preparation seen in chapter 2, where rhein concentration was determined in the samples as summarized in table 6.

**Table 6:** Subjects rhein concentration (ng/ml) prior to glucosamine administration

Time (hr) /Subject	#1	#2	#3	#4	#5	#6
0.00	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
0.16	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
0.33	2996.897	57.478	404.766	BLQ	BLQ	481.160
0.50	6592.128	235.339	2595.850	601.683	263.464	1934.325
0.75	7424.330	364.766	5581.697	4677.538	2381.213	2506.783
1.00	6661.092	488.788	6733.199	4289.696	4533.875	1908.848
1.33	5809.378	1177.693	6292.410	3215.870	4393.993	1652.183
1.66	5016.751	1631.407	5550.969	2935.783	4513.505	2058.156
2.00	4071.837	3092.664	4984.243	4023.251	5500.830	3787.853
2.50	3429.036	5854.928	4574.893	5032.739	4121.066	4755.312
3.00	2795.562	5387.879	3662.225	4021.201	3352.701	3241.103
4.00	1938.425	3089.253	2624.591	2674.380	2299.443	2117.737
5.00	1482.072	2008.553	1973.151	1818.223	1443.494	1254.177
6.00	1124.056	1433.552	1528.598	1401.027	1068.307	884.502
8.00	642.298	786.395	1057.194	760.137	532.157	464.343
10.00	485.614	511.946	851.420	515.369	404.237	301.055
12.00	339.252	401.780	758.619	375.707	287.357	222.862

BLQ = Below Limit of Quantification