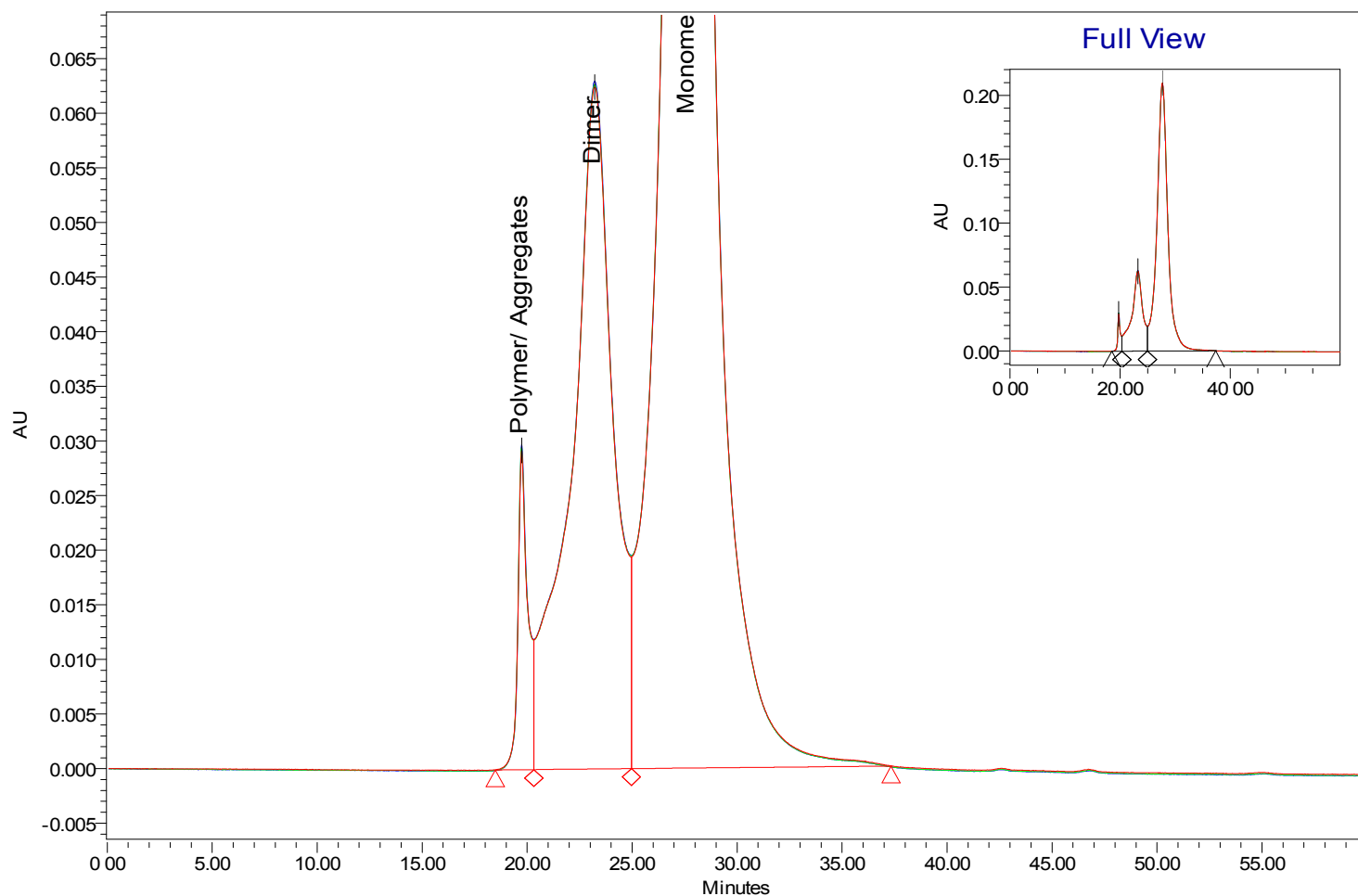


System Suitability Summary

Reference Std (fresh)

Sample Set Name: IgG SE 07Feb2017

Sample Set Acquired By: s22



— SampleName: Reference Std (fresh); Vial: 52; Injection: 1; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 7/02/2017 4:48:40 PM EST; Processing Method PM_IgG SE 07Feb2017

— SampleName: Reference Std (fresh); Vial: 52; Injection: 2; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 7/02/2017 5:49:54 PM EST; Processing Method PM_IgG SE 07Feb2017

— SampleName: Reference Std (fresh); Vial: 52; Injection: 3; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 7/02/2017 6:51:07 PM EST; Processing Method PM_IgG SE 07Feb2017

Component Summary Table

Name: Dimer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Dimer	23.222	8657296	22.363	0.839
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Dimer	23.216	8693637	22.355	0.839
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Dimer	23.223	8713825	22.670	0.839
					23.220	8688252.797	22.46	0.84
					0.004	28646.540		
					0.0	0.33		

Component Summary Table

Name: Monomer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer	27.670	29085627	75.132	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer	27.668	29223563	75.147	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer	27.671	28750990	74.799	
					27.670	29020060.026	75.03	
					0.002	243013.820		
					0.0	0.84		

Component Summary Table

Name: Monomer + Dimer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer + Dimer		37742923	97.495	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer + Dimer		37917200	97.503	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer + Dimer		37464815	97.468	
						37708312.823	97.49	
						228169.845		
						0.61		

Component Summary Table

Name: Polymer/ Aggregates

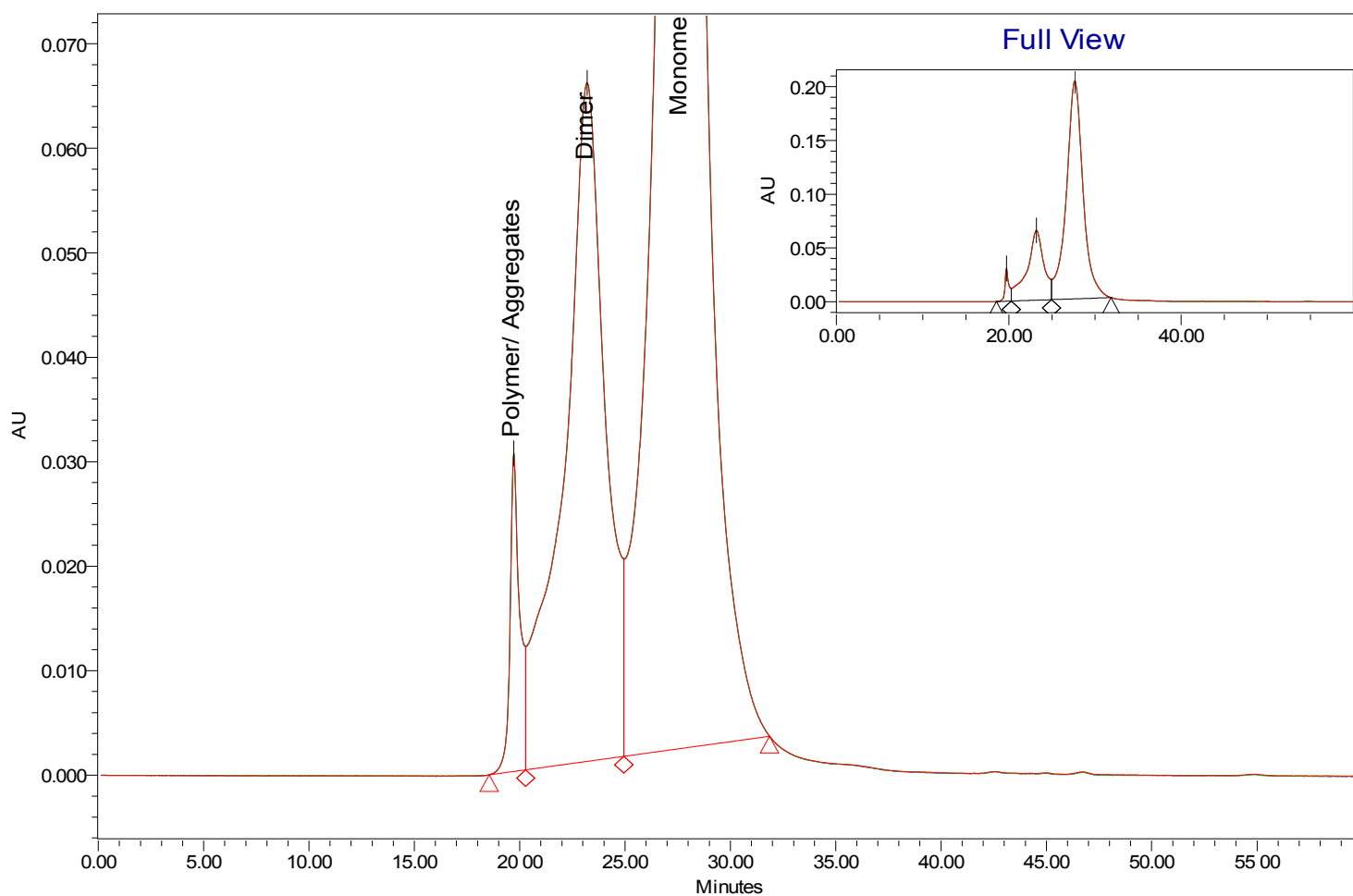
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.738	969775	2.505	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Polymer/ Aggregates	19.737	971206	2.497	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Polymer/ Aggregates	19.743	973090	2.532	
					19.739	971356.960	2.51	
					0.003	1662.449		
					0.0	0.17		

System Suitability Summary

Reference Std (fresh)

Sample Set Name: IgG SE 07Feb2017

Sample Set Acquired By: s22



SampleName: Reference Std (fresh); Vial: 52; Injection: 1; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 9/02/2017 5:41:27 AM EST; Processing Method PM_IgG SE 07Feb2017

SampleName: Reference Std (fresh); Vial: 52; Injection: 2; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 9/02/2017 6:42:38 AM EST; Processing Method PM_IgG SE 07Feb2017

SampleName: Reference Std (fresh); Vial: 52; Injection: 3; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 9/02/2017 7:43:49 AM EST; Processing Method PM_IgG SE 07Feb2017

Reported by User: s22

Report Method: System Suitability Summ

Report Method ID: 2462

Page: 1 of 2

Project Name: Biochemistry/2017/IgG Survey

Date Printed:

9/02/2017

2:46:40 PM Australia/Canberra

Component Summary Table

Name: Dimer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Dimer	23.197	8886256	23.843	0.839
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Dimer	23.201	8894233	23.856	0.839
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Dimer	23.200	8905061	23.913	0.839
					23.199	8895183.149	23.87	0.84
					0.002	9438.495		
					0.0	0.11		

Component Summary Table

Name: Monomer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer	27.649	27406440	73.536	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer	27.651	27401273	73.494	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer	27.652	27344805	73.429	
					27.650	27384172.827	73.49	
					0.002	34190.894		
					0.0	0.12		

Component Summary Table

Name: Monomer + Dimer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer + Dimer		36292696	97.379	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer + Dimer		36295506	97.350	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer + Dimer		36249866	97.342	
						36279355.976	97.36	
						25577.393		
						0.07		

Component Summary Table

Name: Polymer/ Aggregates

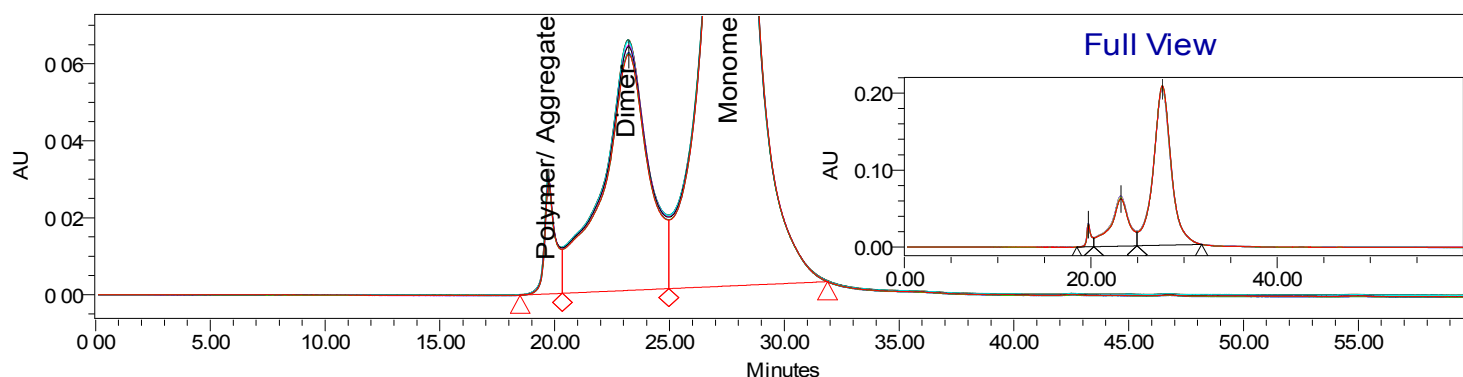
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.718	976735	2.621	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Polymer/ Aggregates	19.720	988162	2.650	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Polymer/ Aggregates	19.720	989706	2.658	
					19.719	984867.674	2.64	
					0.001	7085.269		
					0.0	0.72		

System Suitability Summary

Reference Std (fresh)

Sample Set Name: IgG SE 07Feb2017

Sample Set Acquired By: s22



- SampleName: Reference Std (fresh); Vial: 52; Injection: 1; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 7/02/2017 4:48:40 PM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 2; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 7/02/2017 5:49:54 PM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 3; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 7/02/2017 6:51:07 PM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 1; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 8/02/2017 4:04:21 AM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 1; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 8/02/2017 12:16:10 PM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 1; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 8/02/2017 9:29:35 PM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 1; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 9/02/2017 5:41:27 AM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 2; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 9/02/2017 6:42:38 AM EST; Processing Method PM_IgG SE 07Feb2017
- SampleName: Reference Std (fresh); Vial: 52; Injection: 3; Channel Description DAD AU Ch 5 Sample 280, Bw 16 , Reference 360, Bw 100 ; Date Acquired: 9/02/2017 7:43:49 AM EST; Processing Method PM_IgG SE 07Feb2017

Reported by User: s22

Report Method: System Suitability Summ

Report Method ID: 2463

Page: 1 of 3

Project Name: Biochemistry/2017/IgG Survey

Date Printed:

9/02/2017

3:07:27 PM Australia/Canberra

Component Summary Table

Name: Dimer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Dimer	23.219	8369970	22.574	0.839
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Dimer	23.197	8886256	23.843	0.839
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Dimer	23.194	8877002	23.798	0.839
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Dimer	23.216	8762155	23.479	0.839
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Dimer	23.210	8700720	23.387	0.839
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Dimer	23.201	8894233	23.856	0.839
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Dimer	23.213	8412465	22.692	0.839
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Dimer	23.200	8905061	23.913	0.839
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Dimer	23.222	8460307	22.794	0.839
					23.208	8696463.254	23.37	0.84
					0.010	223214.364		
					0.0	2.57		

Component Summary Table

Name: Monomer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer	27.661	27522553	73.978	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer	27.669	27579216	73.900	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer	27.649	27406440	73.536	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer	27.650	27439885	73.561	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer	27.669	27758994	74.866	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer	27.667	27715429	74.762	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer	27.651	27401273	73.494	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer	27.652	27344805	73.429	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer	27.671	27707813	74.651	
					27.660	27541823.203	74.02	
					0.009	155689.952		
					0.0	0.57		

Component Summary Table

Name: Monomer + Dimer

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer + Dimer		36341371	97.379	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer + Dimer		36128965	97.440	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer + Dimer		36316888	97.359	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer + Dimer		36292696	97.379	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Monomer + Dimer		36223273	97.365	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer + Dimer		36295506	97.350	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Monomer + Dimer		36127894	97.454	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer + Dimer		36168120	97.445	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Monomer + Dimer		36249866	97.342	
						36238286.457	97.39	
						80977.942		
						0.22		

**Component Summary Table
Name: Polymer/ Aggregates**

Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.737	980377	2.635	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.722	985132	2.641	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.737	949231	2.560	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.735	978065	2.621	
Reference Std (fresh)	52	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.718	976735	2.621	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Polymer/ Aggregates	19.720	988162	2.650	
Reference Std (fresh)	52	2	A1100 DAD AU Ch5	Polymer/ Aggregates	19.737	943811	2.546	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Polymer/ Aggregates	19.720	989706	2.658	
Reference Std (fresh)	52	3	A1100 DAD AU Ch5	Polymer/ Aggregates	19.743	948318	2.555	
					19.730	971059.673	2.61	
					0.010	18515.015		
					0.0	1.91		

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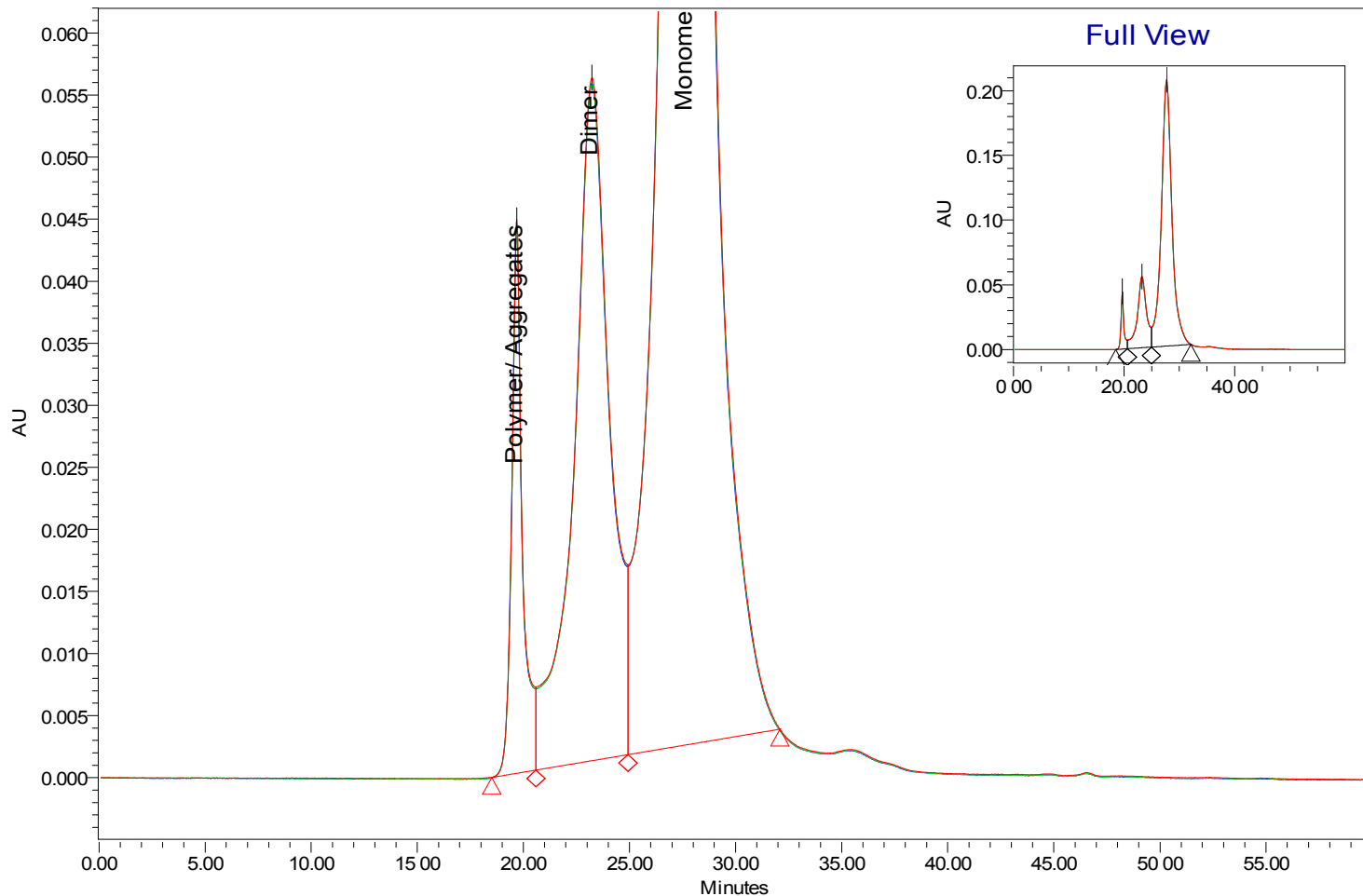
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Sample Summary

Sample-1610003685 prep3, Sample-1610003685 prep1, Sample-1610003685 prep2

Sample Set Name: IgG SE 07Feb2017

Sample Set Acquired By: s22



SampleName: Sample-1610003685 prep1; Vial: 69; Injection: 1; Channel Description DAD AU Ch 5
— Sample 280, Bw 16, Reference 360, Bw 100; Date Acquired: 8/02/2017 6:25:07 PM EST; Processing Method PM_IgG SE 07Feb2017

SampleName: Sample-1610003685 prep2; Vial: 70; Injection: 1; Channel Description DAD AU Ch 5
— Sample 280, Bw 16, Reference 360, Bw 100; Date Acquired: 8/02/2017 7:26:34 PM EST; Processing Method PM_IgG SE 07Feb2017

SampleName: Sample-1610003685 prep3; Vial: 71; Injection: 1; Channel Description DAD AU Ch 5
— Sample 280, Bw 16, Reference 360, Bw 100; Date Acquired: 8/02/2017 8:28:05 PM EST; Processing Method PM_IgG SE 07Feb2017

Component Summary Table

Name: Dimer

Sample-1610003685 prep1	69	1	A1100 DAD AU Ch5	Dimer	23.237	6452902	17.971	55020
Sample-1610003685 prep2	70	1	A1100 DAD AU Ch5	Dimer	23.232	6418457	18.048	54541
Sample-1610003685 prep3	71	1	A1100 DAD AU Ch5	Dimer	23.225	6374304	17.974	54602
					23.231	6415220.724	18.00	54721.204
					0.006	39398.865		260.714
					0.0	0.6		0.5

Component Summary Table

Name: Monomer

Sample-1610003685 prep1	69	1	A1100 DAD AU Ch5	Monomer	27.682	27881141	77.649	206028
Sample-1610003685 prep2	70	1	A1100 DAD AU Ch5	Monomer	27.678	27588288	77.575	203833
Sample-1610003685 prep3	71	1	A1100 DAD AU Ch5	Monomer	27.669	27516751	77.590	203171
					27.676	27662059.869	77.60	204343.937
					0.007	193071.959		1495.213
					0.0	0.7		0.7

Component Summary Table

Name: Monomer + Dimer

Sample-1610003685 prep1	69	1	A1100 DAD AU Ch5	Monomer + Dimer		34334043	95.621	261048
Sample-1610003685 prep2	70	1	A1100 DAD AU Ch5	Monomer + Dimer		34006744	95.623	258374
Sample-1610003685 prep3	71	1	A1100 DAD AU Ch5	Monomer + Dimer		33891055	95.564	257774
						34077280.592	95.60	259065.140
						229763.202		1743.129
						0.7		0.7

Component Summary Table

Name: Polymer/ Aggregates

Sample-1610003685 prep1	69	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.688	1572503	4.379	44572
Sample-1610003685 prep2	70	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.687	1556784	4.377	44091
Sample-1610003685 prep3	71	1	A1100 DAD AU Ch5	Polymer/ Aggregates	19.679	1573156	4.436	44150
					19.685	1567480.852	4.40	44270.854
					0.005	9269.835		262.463
					0.0	0.6		0.6

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TGA OLSS Biochemistry Section

Sample Set Summary Report

Sample Set: IgG SE 07Feb2017

Sample Set Information

Project Name: Biochemistry\2017\IgG Survey

Sample Set Name: IgG SE 07Feb2017

Sample Set Acquired By: s22

Start Date: 7/02/2017 3:45:51 PM EST

Finish Date: 9/02/2017 9:45:21 AM EST

Run Time: 60.00 Minutes

Sample Set Altered: No

SampleName: Sample-1610003597 prep2,
Sample-1610003683 prep2, Sample-1610003597
prep3, Blank-0.9% sodium chloride solut,
Reference Std (fresh), Sample-1610003596 prep1,
Sample-1610003596 prep3, Sample-1610003610

Acq Method Set: Sy2_MS_IgG SE

Instrument Method Name: Sy2_IgG SE

Sample Set Method: !QuickSet

System Information

System Name: Biochem Sys 2 Agilent

Empower Node: Dsk106030

Analytical_Column_1: ID#104 TSK-Gel G3000SW

Analytical_Column_2:

Processing Information

Processing Method: PM_IgG SE 07Feb2017

Processed By: s22 /Biochem

Processing Method Id: 2389

Date Processed: 9/02/2017 2:20:20 PM EST,
9/02/2017 2:20:21 PM EST, 9/02/2017 2:20:22 PM
EST, 9/02/2017 2:20:23 PM EST, 9/02/2017
2:20:24 PM EST, 9/02/2017 2:20:25 PM EST,
9/02/2017 2:20:26 PM EST, 9/02/2017 2:20:27 PM

Result Set Name: IgG SE 07Feb2017

Result Set Date: 9/02/2017 2:20:20 PM EST

Result Set Id: 2390

Channel Description: DAD AU Ch 5 Sample 280,
Bw 16 , Reference 360, Bw 100

Processing Node: Dsk106333

Reporting Information

Report Method Name: Sample Set Summary Report

Print Date: 10/02/2017

Reported by: s22

Time: 9:36:31 AM Australia/Canberra

Injection Sequence Summary

Blank-0.9% sodium chloride solut	Control	51	1	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	1	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	2	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	3	60.00	10.00	1.00000	1.00000		
Reference Std (old_02Sep2014)	Standard	53	1	60.00	10.00	1.00000	1.00000		
Sample-1610003595 prep1	Unknown	54	1	60.00	10.00	1.00000	1.00000		
Sample-1610003595 prep2	Unknown	55	1	60.00	10.00	1.00000	1.00000		
Sample-1610003595 prep3	Unknown	56	1	60.00	10.00	1.00000	1.00000		
Blank-0.9% sodium chloride solut	Control	51	1	60.00	10.00	1.00000	1.00000		
Sample-1610003596 prep1	Unknown	57	1	60.00	10.00	1.00000	1.00000		
Sample-1610003596 prep2	Unknown	58	1	60.00	10.00	1.00000	1.00000		
Sample-1610003596 prep3	Unknown	59	1	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	1	60.00	10.00	1.00000	1.00000		
Sample-1610003597 prep1	Unknown	60	1	60.00	10.00	1.00000	1.00000		
Sample-1610003597 prep2	Unknown	61	1	60.00	10.00	1.00000	1.00000		
Sample-1610003597 prep3	Unknown	62	1	60.00	10.00	1.00000	1.00000		
Blank-0.9% sodium chloride solut	Control	51	1	60.00	10.00	1.00000	1.00000		
Sample-1610003610 prep1	Unknown	63	1	60.00	10.00	1.00000	1.00000		
Sample-1610003610 prep2	Unknown	64	1	60.00	10.00	1.00000	1.00000		
Sample-1610003610 prep3	Unknown	65	1	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	1	60.00	10.00	1.00000	1.00000		
Reference Std (old_02Sep2014)	Standard	53	1	60.00	10.00	1.00000	1.00000		
Sample-1610003684 prep1	Unknown	66	1	60.00	10.00	1.00000	1.00000		
Sample-1610003684 prep2	Unknown	67	1	60.00	10.00	1.00000	1.00000		
Sample-1610003684 prep3	Unknown	68	1	60.00	10.00	1.00000	1.00000		
Blank-0.9% sodium chloride solut	Control	51	1	60.00	10.00	1.00000	1.00000		
Sample-1610003685 prep1	Unknown	69	1	60.00	10.00	1.00000	1.00000		
Sample-1610003685 prep2	Unknown	70	1	60.00	10.00	1.00000	1.00000		
Sample-1610003685 prep3	Unknown	71	1	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	1	60.00	10.00	1.00000	1.00000		
Sample-1610003682 prep1	Unknown	72	1	60.00	10.00	1.00000	1.00000		
Sample-1610003682 prep2	Unknown	73	1	60.00	10.00	1.00000	1.00000		
Sample-1610003682 prep3	Unknown	74	1	60.00	10.00	1.00000	1.00000		
Blank-0.9% sodium chloride solut	Control	51	1	60.00	10.00	1.00000	1.00000		
Sample-1610003683 prep1	Unknown	75	1	60.00	10.00	1.00000	1.00000		
Sample-1610003683 prep2	Unknown	76	1	60.00	10.00	1.00000	1.00000		

Injection Sequence Summary

Sample-1610003683 prep3	Unknown	77	1	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	1	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	2	60.00	10.00	1.00000	1.00000		
Reference Std (fresh)	Standard	52	3	60.00	10.00	1.00000	1.00000		
Reference Std (old_02Sep2014)	Standard	53	1	60.00	10.00	1.00000	1.00000		