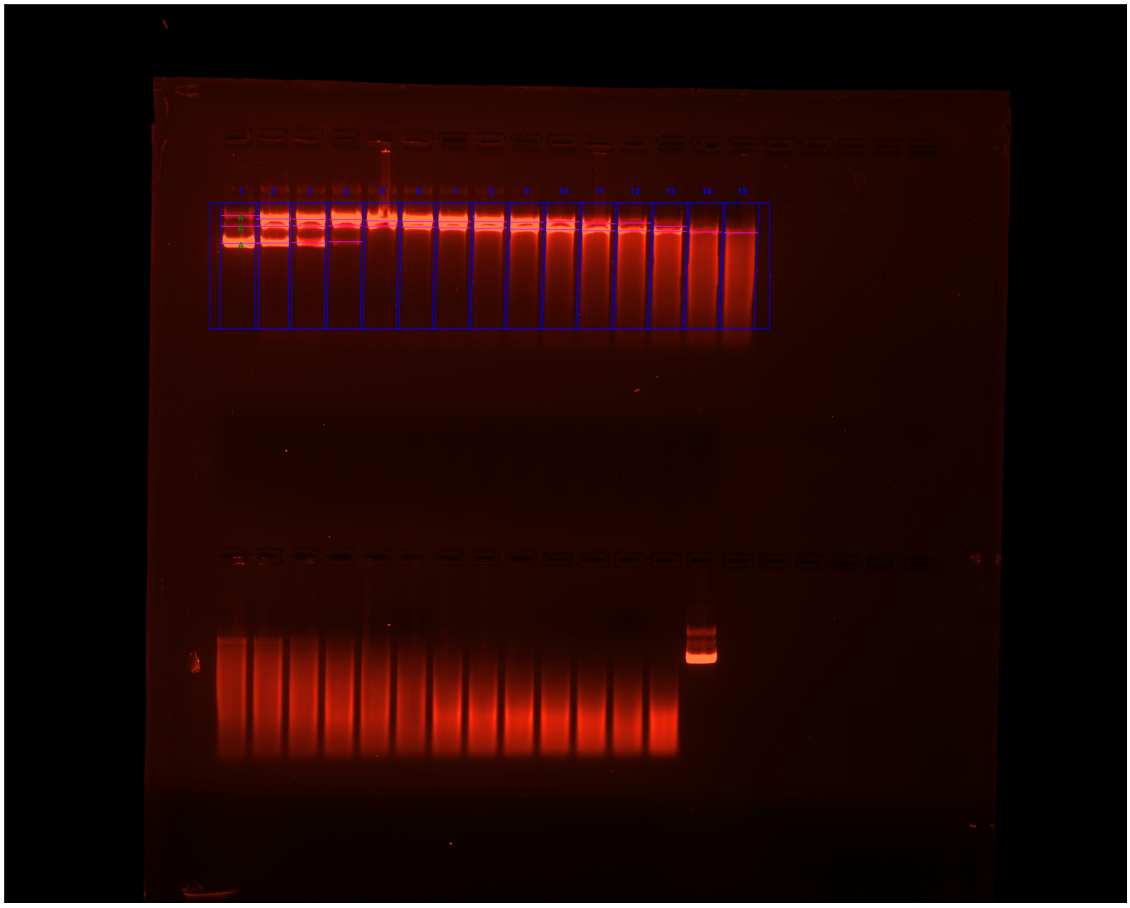
Image Report: 0.1



C:\Users\gnoce\Desktop\0.1.scn

Acquisition Information

Imager	ChemiDoc™ MP
Exposure Time (sec)	0.515 (Optimal Auto-exposure)
Flat Field	Applied (Red Plate / UV Trans / Green Filter)
Serial Number	734BR-2850
Software Version	2.3.0.07
Application	Ethidium Bromide
Excitation Source	UV Trans Illumination
Emission Filter	602/50 Filter

Image Information

Acquisition Date	04/10/2019 2:32:55
User Name	Lab Molecolare
Image Area (mm)	X: 202.0 Y: 161.6
Pixel Size (µm)	X: 73.5 Y: 73.5
Data Range (Int)	2 - 65535

Analysis Settings

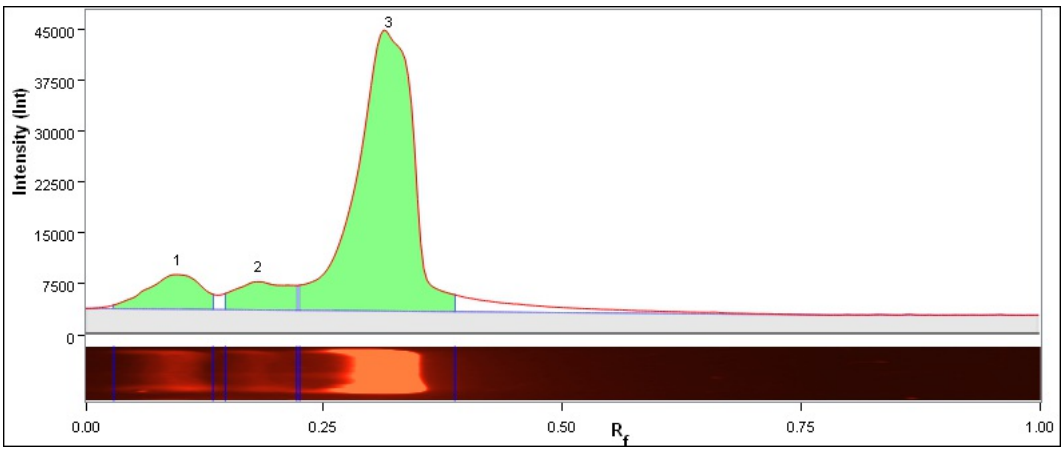
Detection	Lane detection: Automatically detected lanes with manual adjustments Band detection: Automatically detected bands with sensitivity: High Manually adjusted bands Lane Background Subtraction: Lane background subtracted with disk size: 30.4 Lane width: Variable
Quantity Analysis	Quantity Standard Bands: Lane 1 Band 1 Quantity 10.0 ng Lane 1 Band 2 Quantity 10.0 ng Lane 1 Band 3 Quantity 180.0 ng Quantity regression method: Linear Regression equation: y = 2.14E-06 * x - 10.8 R-squared value: R^2 = 0.999529

Lane Statistics

Lane No.	Adj. Total Band Vol. (Int)	Total Band Vol. (Int)	Adj. Total Lane Vol. (Int)	Total Lane Vol. (Int)	Bkgd. Vol. (Int)	Norm. Factor
1	108.494.940	145.903.470	116.772.195	212.998.550	96.226.355	N/A
2	103.163.462	134.764.786	117.619.406	219.711.046	102.091.640	N/A
3	86.479.086	119.450.548	94.672.608	195.191.488	100.518.880	N/A
4	80.117.690	110.396.928	90.646.408	189.761.038	99.114.630	N/A
5	76.972.498	89.585.410	107.406.634	182.113.882	74.707.248	N/A
6	82.157.194	102.321.650	98.314.474	197.856.570	99.542.096	N/A
7	77.927.224	96.796.736	96.109.658	192.762.320	96.652.662	N/A
8	74.693.964	92.454.508	100.111.586	197.265.760	97.154.174	N/A
9	68.065.084	83.706.420	104.006.586	195.921.534	91.914.948	N/A
10	60.366.678	75.064.030	108.670.090	199.081.404	90.411.314	N/A
11	47.364.184	61.228.006	103.462.762	196.088.240	92.625.478	N/A
12	35.739.782	47.411.498	103.092.614	192.647.848	89.555.234	N/A
13	29.675.636	40.597.954	105.524.898	193.792.650	88.267.752	N/A
14	14.481.938	20.730.912	99.577.602	189.979.814	90.402.212	N/A
15	9.736.352	15.782.212	91.005.650	184.245.718	93.240.068	N/A

Lane And Band Analysis

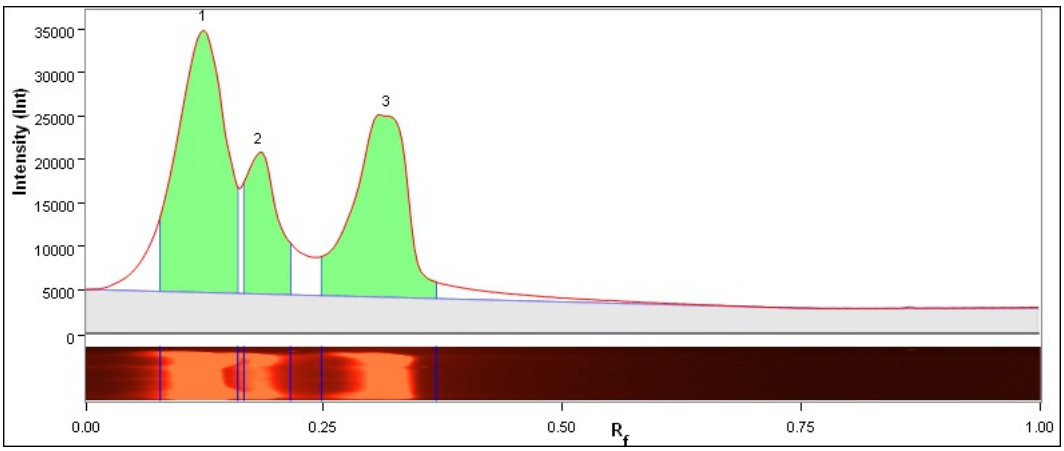
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,101	10.705.930	22.676.785	10,0	N/A	9,9	9,2
2		N/A	0,185	8.717.580	17.110.925	10,0	N/A	8,0	7,5
3		N/A	0,321	89.071.430	106.115.760	180,0	N/A	82,1	76,3

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.98 mm

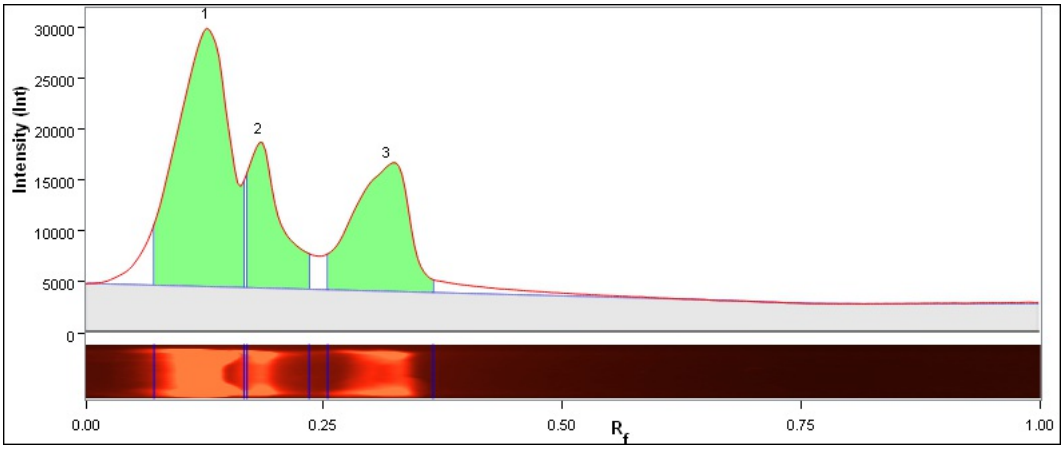
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,127	48.233.548	59.188.830	92,5	N/A	46,8	41,0
2		N/A	0,185	16.571.216	23.018.302	24,7	N/A	16,1	14,1
3		N/A	0,318	38.358.698	52.557.654	71,4	N/A	37,2	32,6

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

Lane 3

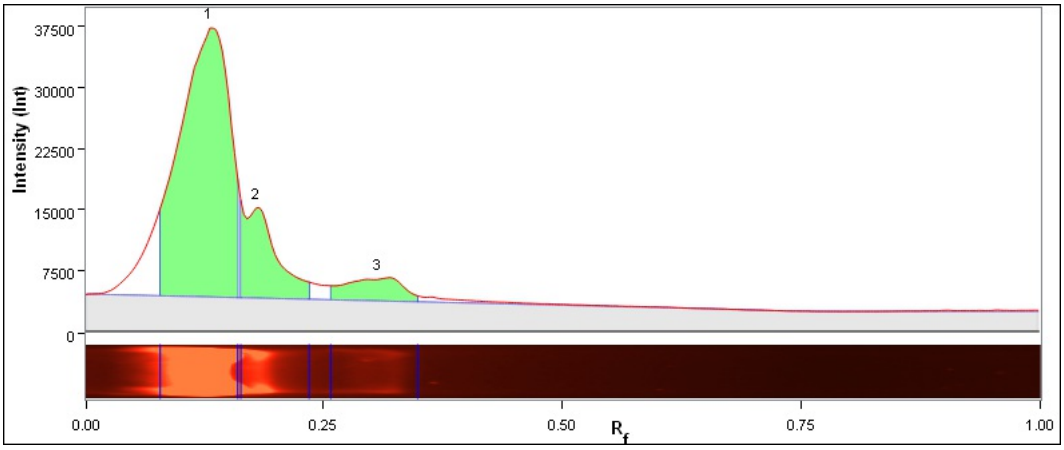


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %

1		N/A	0,130	46.724.338	59.023.518	89,3	N/A	54,0	49,4
2		N/A	0,185	15.211.164	23.037.162	21,8	N/A	17,6	16,1
3		N/A	0,318	24.543.584	37.389.868	41,8	N/A	28,4	25,9

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

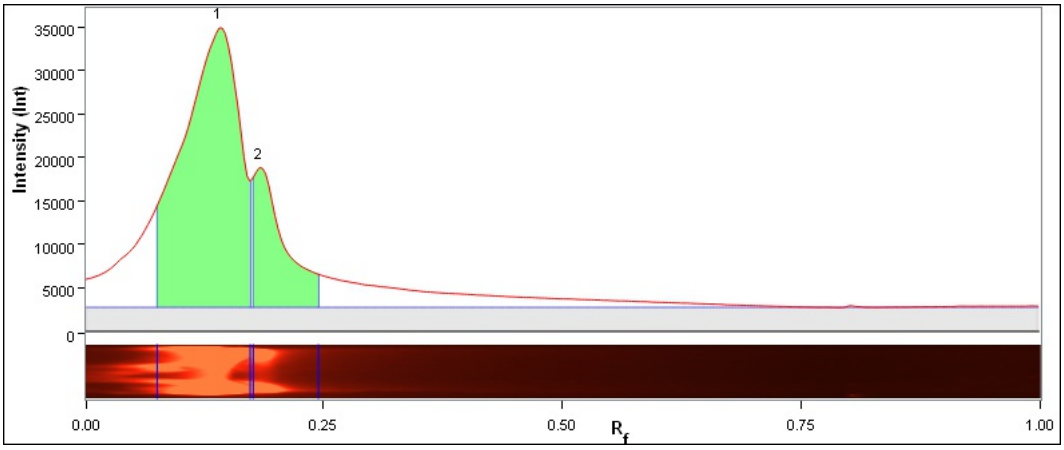
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,133	60.617.188	71.476.284	119,0	N/A	75,7	66,9
2		N/A	0,182	13.386.008	22.109.988	17,9	N/A	16,7	14,8
3		N/A	0,308	6.114.494	16.810.656	2,3	N/A	7,6	6,7

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

Lane 5

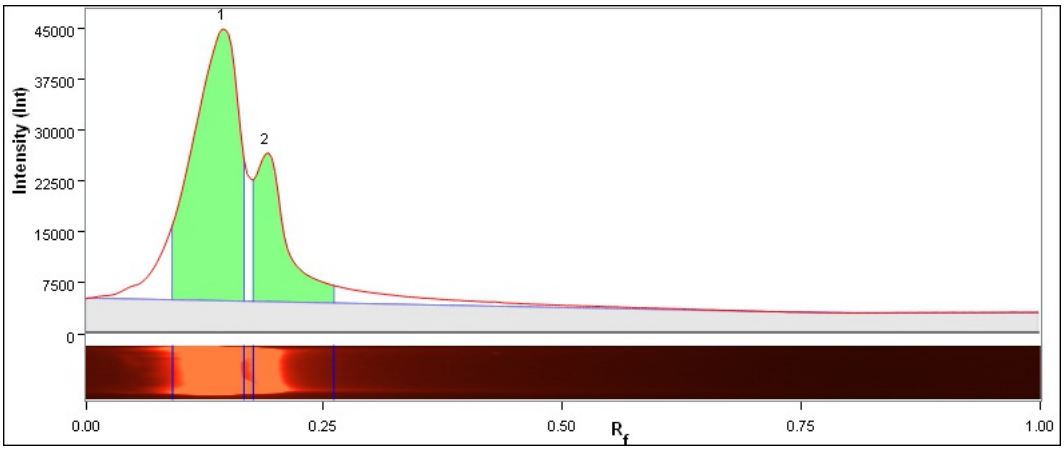


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,143	60.024.984	67.301.664	117,8	N/A	78,0	55,9

2		N/A	0,185	16.947.514	22.283.746	25,5	N/A	22,0	15,8

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

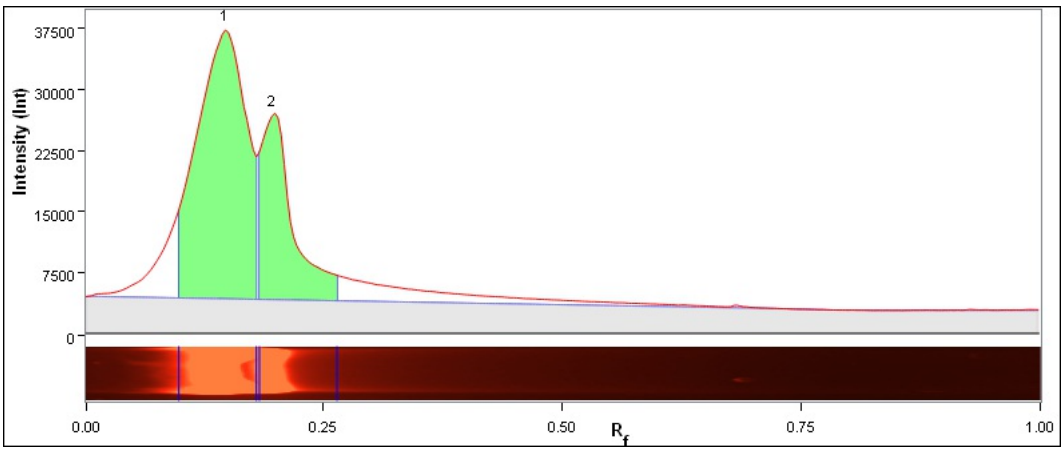
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,146	58.939.140	68.694.024	115,4	N/A	71,7	59,9
2		N/A	0,192	23.218.054	33.627.626	38,9	N/A	28,3	23,6

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

Lane 7

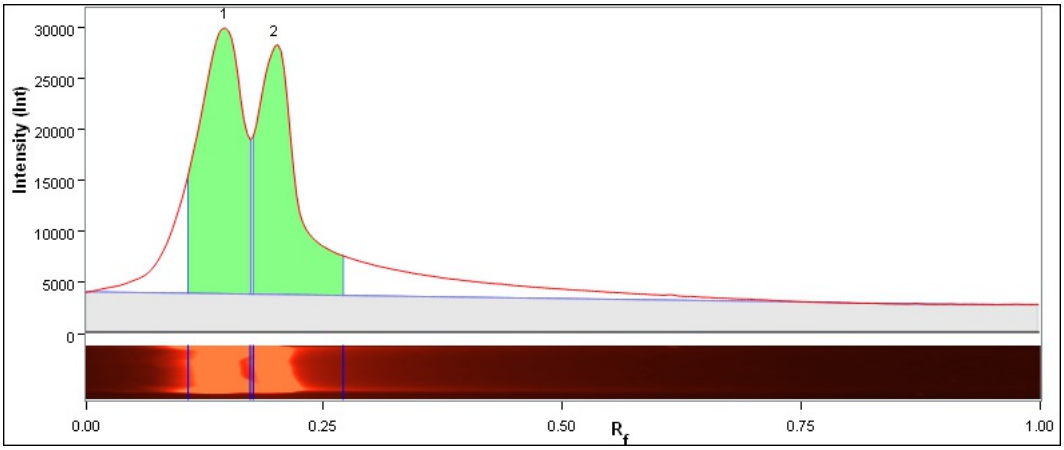


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,149	53.487.944	62.932.458	103,8	N/A	68,6	55,7
2		N/A	0,198	24.439.280	33.864.278	41,6	N/A	31,4	25,4

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4

Lane Width	6.02 mm

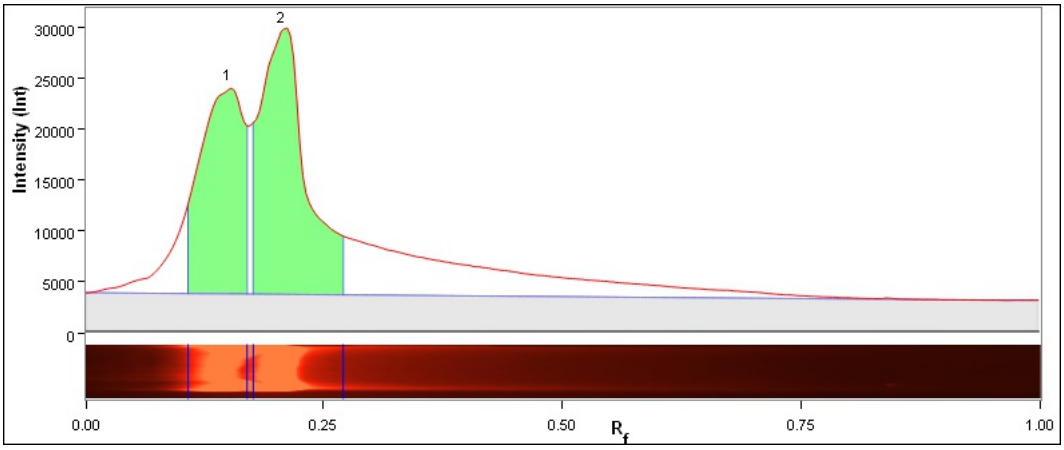
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,149	39.366.888	46.595.762	73,5	N/A	52,7	39,3
2		N/A	0,201	35.327.076	45.858.746	64,9	N/A	47,3	35,3

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

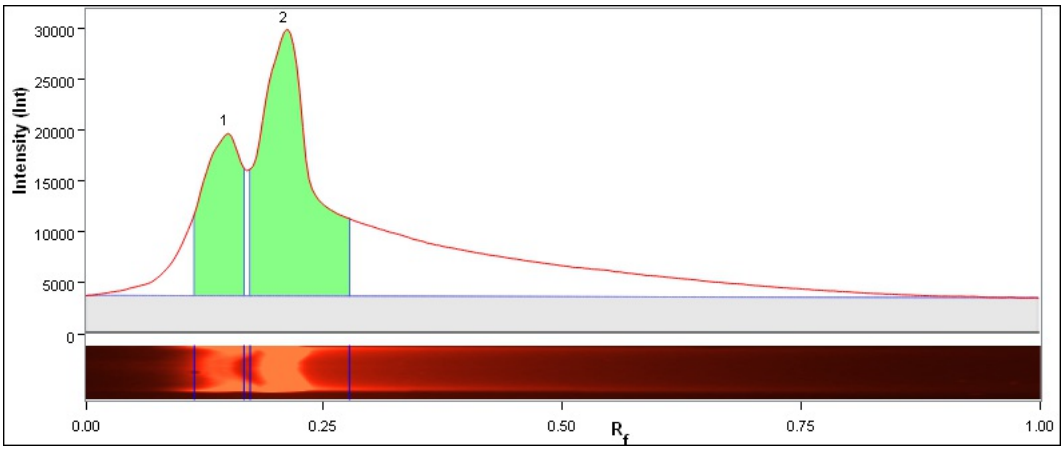
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,153	28.274.748	34.404.904	49,8	N/A	41,5	27,2
2		N/A	0,208	39.790.336	49.301.516	74,4	N/A	58,5	38,3

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

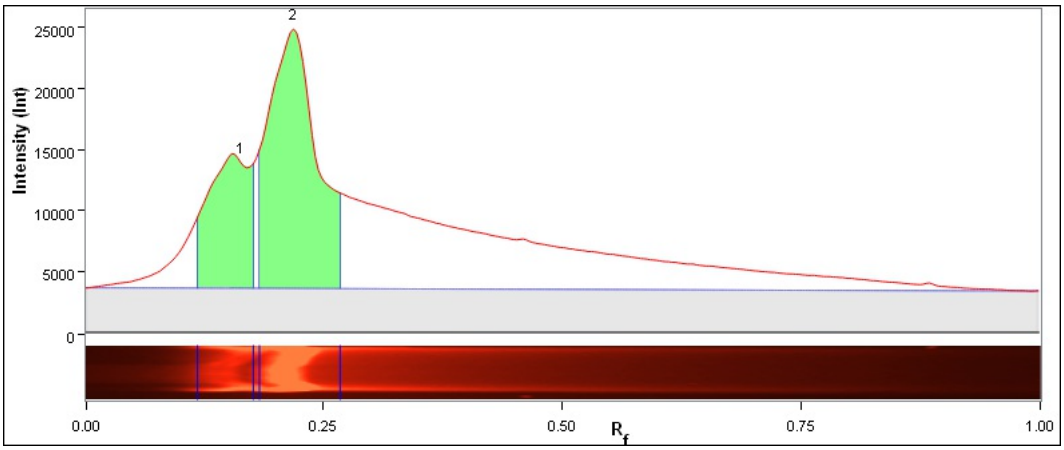
Lane 10



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,149	18.123.804	22.941.960	28,0	N/A	30,0	16,7
2		N/A	0,211	42.242.874	52.122.070	79,7	N/A	70,0	38,9

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

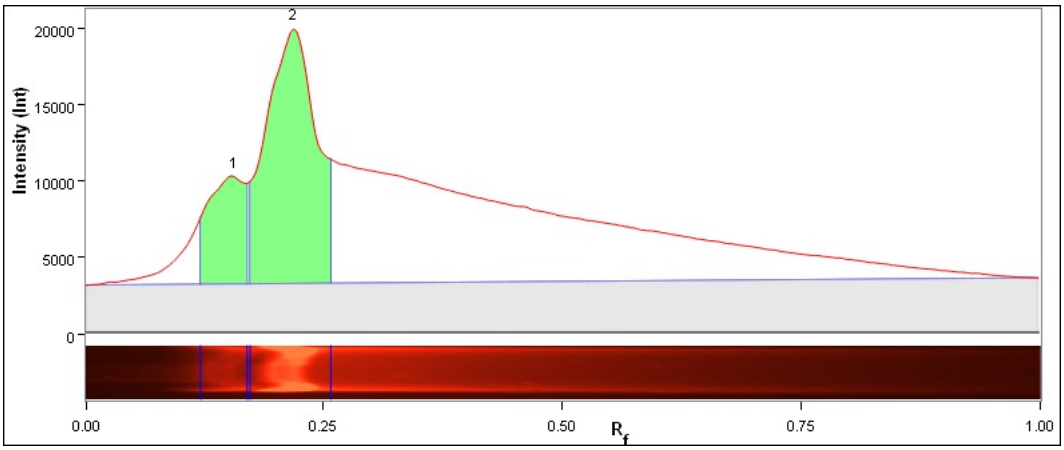
Lane 11



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,166	15.448.718	21.322.378	22,3	N/A	32,6	14,9
2		N/A	0,221	31.915.466	39.905.628	57,6	N/A	67,4	30,8

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

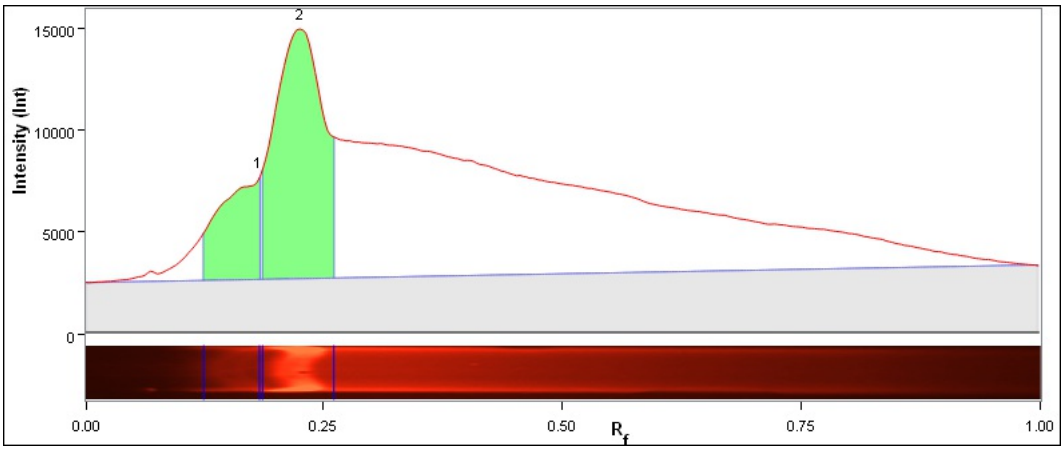
Lane 12



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,159	8.283.476	12.424.476	7,0	N/A	23,2	8,0
2		N/A	0,221	27.456.306	34.987.022	48,0	N/A	76,8	26,6

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

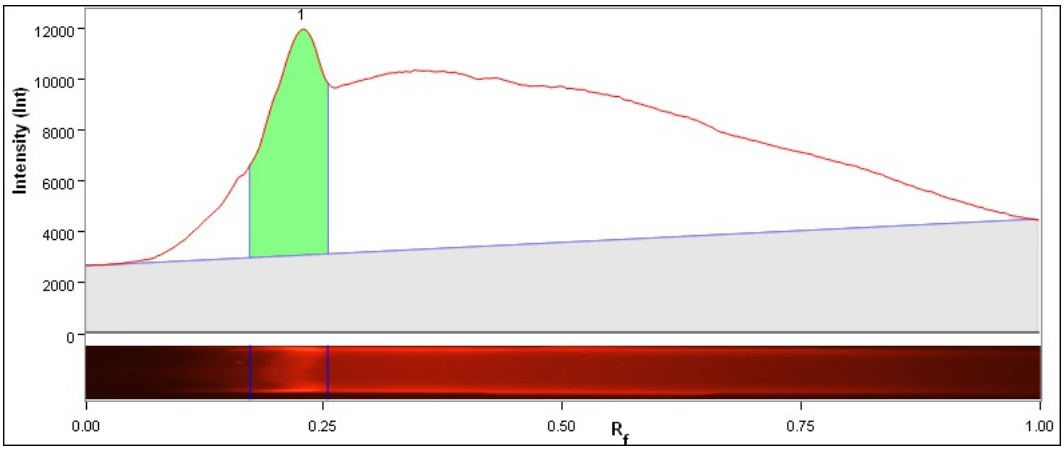
Lane 13



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,185	7.752.198	12.631.526	5,8	N/A	26,1	7,3
2		N/A	0,227	21.923.438	27.966.428	36,2	N/A	73,9	20,8

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

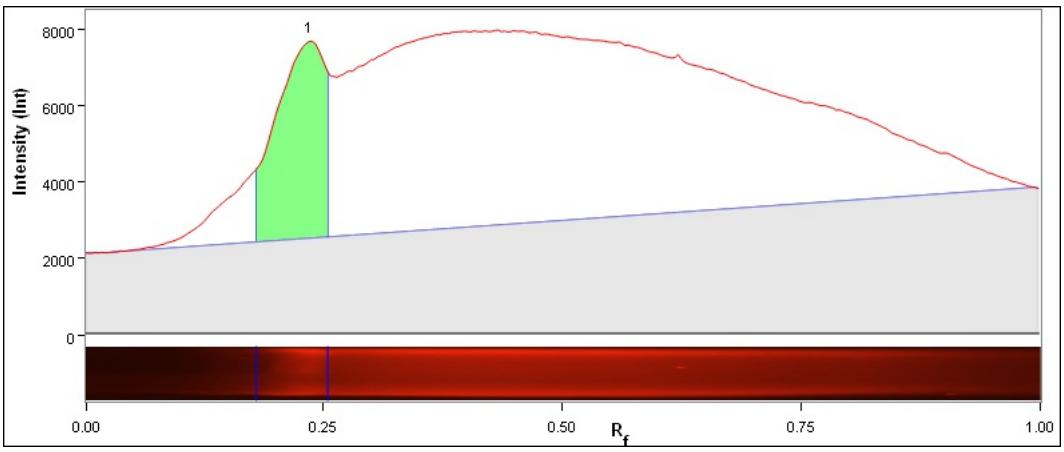
Lane 14



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,231	14.481.938	20.730.912	20,2	N/A	100,0	14,5

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm

Lane 15



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant. (ng)	Rel. Quant.	Band %	Lane %
1		N/A	0,237	9.736.352	15.782.212	10,1	N/A	100,0	10,7

Band Detection	Automatically detected bands with sensitivity: High
Lane Background	Lane background subtracted with disk size: 30.4
Lane Width	6.02 mm