

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
 Laboratory Mustermann  
 Survey of 29 January 2021

Adviser:

720

### Allergy Diagnostic

Analyte	Sample	Unit	Your value	Target value	TV-Type	Lower limit	Upper limit	Deviation	Z-Score	Meets criteria	
Mite (D.pharinae) (quant) - d02	11	kU/l	16.1	20.2	SV	8.08	32.3	-20.4%	-0,93	+	
	12		1.19	1.42	SV	0.568	2.27	-16.2%	-0,991	+	
Wheat (quant) - f04	11	kU/l	12.1	13.9	SV	5.56	22.2	-13.1%	-0,948	+	
	12		1.24	1.48	SV	0.592	2.37	-16.2%	-0,688	+	
Peanut (quant) - f13	11	kU/l	16.9	24.7	SV	9.88	39.5	-31.7%	-1,61	+	
	12		1.42	1.72	SV	0.688	2.75	-17.4%	-0,971	+	
Egg yolk (quant) - f75	11	kU/l	6.93	8.12	SV	3.25	13.0	-14.7%	-0,952	+	
	12		0.510	0.412	SV	0.165	0.659	23.8%	0,817	+	
Der p1 (quant) - x904	11	kU/l	10.6	12.5	SV	5.00	20.0	-15.6%	-1,12	+	
	12		0.540	0.728	SV	0.291	1.16	-25.8%	-0,995	+	
Honey bee (quant) - i01	11	kU/l	5.38	6.38	SV	2.55	10.2	-15.7%	-0,909	+	
	12		0.040		ET		<0.560		0,28	+	
Common wasp (quant) - i03	11	kU/l	16.1	19.4	SV	7.76	31.0	-17.0%	-0,857	+	
	12		1.55	1.59	SV	0.636	2.54	-2.5%	-0,124	+	
IGE	11	IU/ml	112	109	SV	76.3	142	2.6%	0,33	+	

Analyte	Sample	Your unit	Stated value	Conversion factor	Method	Manufacturer	Device	Lot number	Standard
Mite (D.pharinae) (quant) - d02	11		16.1		255	FO		3252110FLE	6
	12		1.19						
Wheat (quant) - f04	11		12.1		255	FO		3252110FLE	6
	12		1.24						
Peanut (quant) - f13	11		16.9		255	FO		3252110FLE	6
	12		1.42						
Egg yolk (quant) - f75	11		6.93		255	FO		3252110FLE	6
	12		0.510						
Der p1 (quant) - x904	11		10.6		255	FO		3252110FLE	6
	12		0.540						
Honey bee (quant) - i01	11		5.38		255	FO		3252110FLE	6
	12		0.040						
Common wasp (quant) - i03	11		16.1		255	FO		3252110FLE	6
	12		1.55						
IGE	11		112		64	FO			



## Listing and evaluation of the results

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Laboratory Mustermann

Survey of 29 January 2021

Analyte	Sam- ple	Method	Manu- facturer	Device	Your specification(s)	Correct specification(s)	TV- Type	Meets criteria
Mite (D.pharinae) (Allergen-cl.) - d02	11	255	FO		3	3, 4	M	+
	12				2	2	M	+
Wheat (Allergen-cl.) - f04	11	255	FO		3	3, 4	M	+
	12				2	2	M	+
Peanut (Allergen-cl.) - f13	11	255	FO		3	3, 4	M	+
	12				2	2, 3	M	+
Egg yolk (Allergen-cl.) - f75	11	255	FO		3	3, 4	M	+
	12				1	0, 1	M	+
Der p1 (Allergen-cl.) - x904	11	255	FO		3	3, 4	M	+
	12				1	1, 2	M	+
Honey bee (Allergen-cl.) - i01	11	255	FO		3	3, 4	M	+
	12				0	0	M	+
Common wasp (Allergen-cl.) - i03	11	255	FO		3	3, 4	M	+
	12				2	2, 3	M	+

\*\* BRAVO \*\*

## Individual summary of results

1: Dr. med. Max Mustermann  
Laboratory Mustermann

Survey of 29 January 2021

720

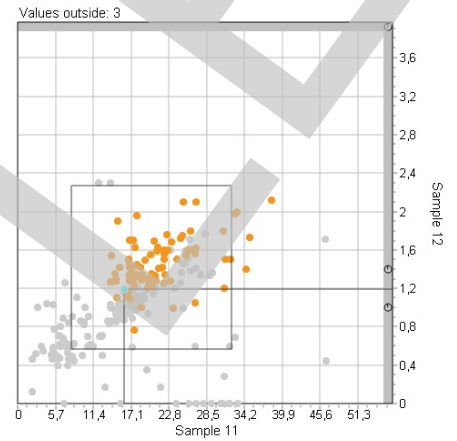
### Allergy Diagnostic

#### Mite (*D. pharinae*) (quant) - d02 (kU/l, N = 287)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
Immunolab Clinical	11	7.37	2.95 - 11.8	7.37	34.9	46	84.8	80.4
	12	0.683	0.273 - 1.09	0.683	38.8	46	91.3	
BDL - Labordiagnostik Muenster	11	28.7	11.5 - 45.9	28.7	14.3	15	100	86.7
	12		- <0.560	0.000		15	86.7	
Siemens (DPC)	11	24.7	9.88 - 39.5	24.7	10.3	16	93.8	93.8
	12	1.36	0.544 - 2.18	1.36	11.6	16	93.8	
Euroimmun (1)	11	47.6	19.0 - 76.2	47.6	63.4	4		
	12	1.77	0.708 - 2.83	1.77	107	4		
Fooke 4-Klassen System (1)	11	16.1	6.44 - 25.8	16.1	15.7	5		
	12	1.45	0.580 - 2.32	1.45	50.4	5		
Fooke 6-Klassen System	11	20.2	8.08 - 32.3	20.2	21.9	100	95.0	95.0
	12	1.42	0.568 - 2.27	1.42	16.3	100	100	
Phadia, Thermo Scientific	11	16.6	6.64 - 26.6	16.6	9.64	78	98.7	97.4
	12	1.02	0.408 - 1.63	1.02	9.61	78	97.4	
Radim (1)	11	5.78	2.31 - 9.25	5.78	67.5	7		
	12	0.550	0.220 - 0.880	0.550	62.7	7		
R-Biopharm	11	11.4	4.56 - 18.2	11.4	11.8	11	90.9	90.9
	12	0.638	0.255 - 1.02	0.638	26.0	11	100	
andere Hersteller (1)	11	30.9	12.4 - 49.4	30.9	91.3	5		
	12	1.06	0.424 - 1.70	1.06	23.3	5		

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values.

Rate of success: 89,9%

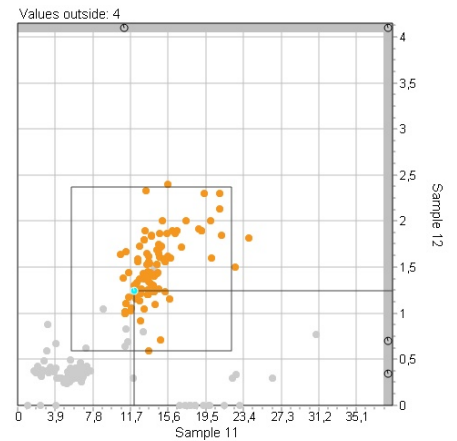


#### Wheat (quant) - f04 (kU/l, N = 269)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
Immunolab Clinical	11	2.83	1.13 - 4.53	2.83	26.9	33	97.0	87.9
	12		- <0.560	0.350	0.000	33	90.9	
BDL - Labordiagnostik Muenster	11	19.6	7.84 - 31.4	19.6	14.6	15	100	100
	12		- <0.560	0.000		15	100	
Siemens (DPC)	11	6.14	2.46 - 9.82	6.14	17.4	13	100	100
	12		- <0.560	0.343	17.2	13	100	
Euroimmun (1)	11	8.85	3.54 - 14.2	8.85	47.8	6		
	12		- <0.560	0.350	0.000	6		
Fooke 4-Klassen System (1)	11	11.7	4.68 - 18.7	11.7	19.3	5		
	12	0.974	0.390 - 1.56	0.974	37.5	5		
Fooke 6-Klassen System	11	13.9	5.56 - 22.2	13.9	13.8	101	98.0	96.0
	12	1.48	0.592 - 2.37	1.48	23.6	101	98.0	
Phadia, Thermo Scientific	11	5.93	2.37 - 9.49	5.93	7.98	75	98.7	97.3
	12		- <0.560	0.350	11.4	75	97.3	
Radim (1)	11	3.04	1.22 - 4.86	3.04	43.4	5		
	12		- <0.560	0.360	0.000	5		
R-Biopharm	11	5.73	2.29 - 9.17	5.73	21.5	11	100	100
	12	0.359	0.144 - 0.574	0.359	20.6	11	100	
andere Hersteller (1)	11	72.3	28.9 - 116	72.3	82.0	5		
	12	0.874	0.350 - 1.40	0.874	69.8	5		

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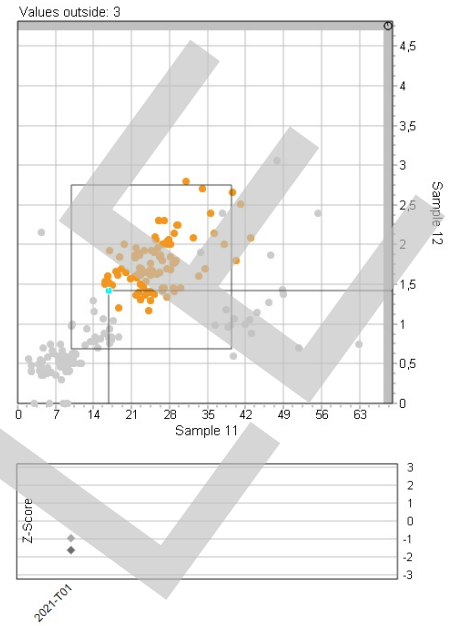
Rate of success: 94,8%





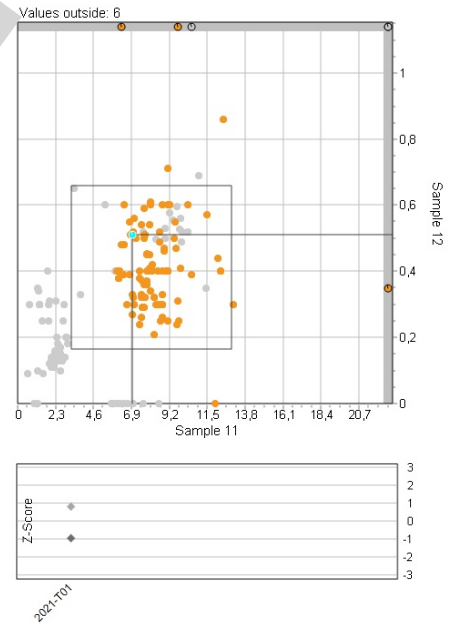
Peanut (quant) - f13 (kU/l, N = 276)										
Collective	Sample	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
Immunolab Clinical	11	5.33	2.13 - 8.53	5.33	38.8	38	84.2	76.3		
	12	0.421	0.000 - 0.674	0.421	50.6	38	86.8			
BDL - Labordiagnostik Muenster	11	41.8	16.7 - 66.9	41.8	11.9	15	100	86.7		
	12	1.32	0.528 - 2.11	1.32	36.6	15	86.7			
Siemens (DPC)	11	15.4	6.16 - 24.6	15.4	14.0	13	100	100		
	12	0.806	0.322 - 1.29	0.806	7.57	13	100			
Euroimmun (1)	11	49.7	19.9 - 79.5	49.7	68.6	6				
	12	1.44	0.576 - 2.30	1.44	64.2	6				
Fooke 4-class system (1)	11	15.2	6.08 - 24.3	15.2	10.7	4				
	12	1.12	0.448 - 1.79	1.12	15.4	4				
Fooke 6-class system	11	24.7	9.88 - 39.5	24.7	19.7	101	96.0	95.0		
	12	1.72	0.688 - 2.75	1.72	18.0	101	99.0			
Phadia, Thermo Scientific	11	9.11	3.64 - 14.6	9.11	7.90	77	98.7	94.8		
	12	0.531	0.212 - 0.850	0.531	8.10	77	94.8			
Radim (1)	11	6.51	2.60 - 10.4	6.51	53.6	5				
	12	0.498	0.199 - 0.797	0.498	35.5	5				
R-Biopharm	11	10.0	4.00 - 16.0	10.0	14.5	11	90.9	81.8		
	12	0.490	0.196 - 0.784	0.490	21.0	11	90.9			
other provider (1)	11	64.2	25.7 - 103	64.2	114	6				
	12	4.00	1.60 - 6.40	4.00	132	6				

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values. Rate of success: 88,8%



Egg yolk (quant) - f75 (kU/l, N = 231)										
Collective	Sample	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
Immunolab Clinical	11	1.03	0.412 - 1.65	1.03	39.6	25	80.0	80.0		
	12		- <0.560	0.350	0.000	25	96.0			
BDL - Labordiagnostik Muenster	11	6.77	2.71 - 10.8	6.77	18.0	15	93.3	93.3		
	12		- <0.560	0.000		15	93.3			
DPC Biermann (SIEMENS)	11	9.46	3.78 - 15.1	9.46	7.36	9	100	100		
	12	0.536	0.214 - 0.858	0.536	7.09	9	100			
Euroimmun (1) (Immunoblot)	11	8.94	3.58 - 14.3	8.94	59.7	6				
	12	0.398	0.159 - 0.637	0.398	64.6	6				
Fooke 4-class system (1)	11	2.24	0.896 - 3.58	2.24	21.5	4				
	12		- <0.560	0.293	11.3	4				
Fooke 6-class system	11	8.12	3.25 - 13.0	8.12	15.4	102	98.0	93.1		
	12	0.412	0.165 - 0.659	0.412	29.1	102	95.1			
Phadia, Thermo Scientific	11	2.40	0.960 - 3.84	2.40	10.8	52	100	100		
	12		- <0.560	0.148	15.5	52	100			
R-Biopharm	11	1.26	0.504 - 2.02	1.26	36.0	11	100	100		
	12		- <0.560	0.300	0.000	11	100			
other provider (1)	11	4.32	1.73 - 6.91	4.32	56.5	7				
	12	0.425	0.170 - 0.680	0.425	62.6	7				

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values. Rate of success: 90,9%

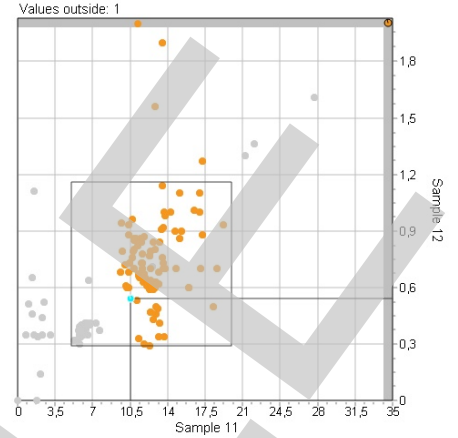




Der p1 (quant) - x904 (kU/l, N = 168)										
Collective	Sample	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
Immunolab Clinical	11	1.69	0.676 - 2.70	1.69	38.7	20	95.0	85.0		
	12		- <0.560	0.350	0.000	20	90.0			
Fooke	11	12.5	5.00 - 20.0	12.5	13.9	105	99.0	94.3		
	12	0.728	0.291 - 1.16	0.728	26.0	105	94.3			
Phadia, Thermo Scientific	11	6.29	2.52 - 10.1	6.29	8.74	38	86.8	84.2		
	12	0.380	0.152 - 0.608	0.380	10.3	38	84.2			
other provider (1)	11	6.08	2.43 - 9.73	6.08	81.1	5				
	12		- <0.560	0.350	70.3	5				

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values.

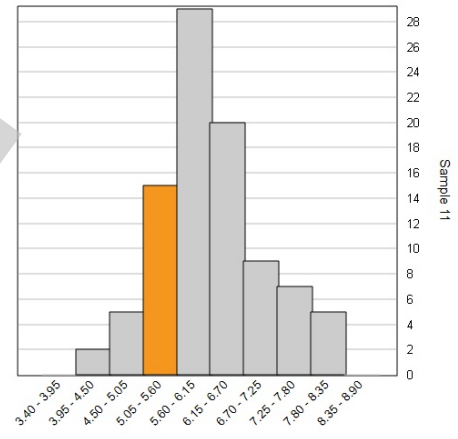
Rate of success: 89,9%



Honey bee (quant) - i01 (kU/l, N = 274)										
Collective	Sample	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
Immunolab Clinical	11	4.81	1.92 - 7.70	4.81	36.4	42	92.9	90.5		
	12		- <0.560	0.350	0.000	42	95.2			
BDL - Labordiagnostik Muenster	11	16.2	6.48 - 25.9	16.2	11.7	15	100	93.3		
	12		- <0.560	0.000		15	93.3			
Siemens (DPC)	11	7.12	2.85 - 11.4	7.12	12.2	13	100	92.3		
	12		- <0.560	0.100	0.000	13	92.3			
Fooke 4-class system (1)	11	1.34	0.536 - 2.14	1.34	54.1	4				
	12		- <0.560	0.240	19.2	4				
Fooke 6-class system	11	6.38	2.55 - 10.2	6.38	17.2	103	96.1	95.1		
	12		- <0.560	0.033	75.8	103	99.0			
Phadia, Thermo Scientific	11	10.3	4.12 - 16.5	10.3	20.4	74	98.6	97.3		
	12		- <0.560	0.076	43.4	74	98.6			
Radim (1)	11	7.56	3.02 - 12.1	7.56	42.2	6				
	12		- <0.560	0.360	0.000	6				
R-Biopharm	11	7.85	3.14 - 12.6	7.85	27.0	12	83.3	75.0		
	12		- <0.560	0.267	83.5	12	91.7			
other provider (1)	11	17.1	6.84 - 27.4	17.1	80.1	5				
	12		- <0.560	0.350	0.000	5				

(1) In individual cases is a statistically valid valuation with consensus value not given, because size of the collective < 8 values.

Rate of success: 92,7%



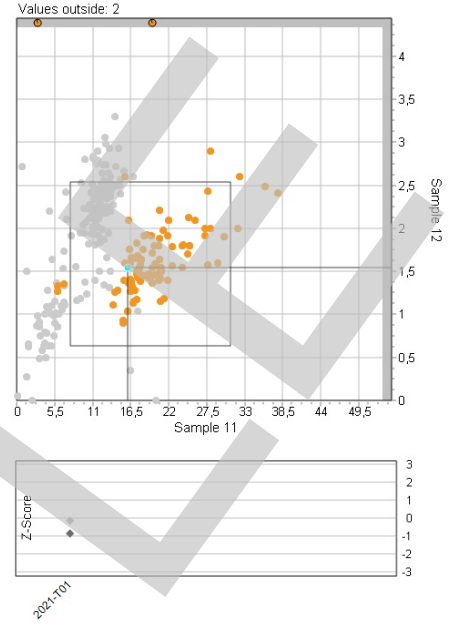


## Common wasp (quant) - i03 (kU/l, N = 275)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
Immunolab Clinical	11	4.80	1.92 - 7.68	4.80	35.2	42	88.1	73.8
	12	0.930	0.372 - 1.49	0.930	38.9	42	81.0	
BDL - Labordiagnostik Muenster	11	11.7	4.68 - 18.7	11.7	11.3	15	100	100
	12	2.06	0.824 - 3.30	2.06	12.0	15	100	
Siemens (DPC)	11	11.3	4.52 - 18.1	11.3	13.0	13	100	100
	12	2.58	1.03 - 4.13	2.58	19.1	13	100	
Fooke 4-class system (1)	11	12.8	5.12 - 20.5	12.8	18.9	4		
	12	1.61	0.644 - 2.58	1.61	37.3	4		
Fooke 6-class system	11	19.4	7.76 - 31.0	19.4	19.8	103	92.2	89.3
	12	1.59	0.636 - 2.54	1.59	20.3	103	95.1	
Phadia, Thermo Scientific	11	12.2	4.88 - 19.5	12.2	10.2	74	98.6	98.6
	12	2.35	0.940 - 3.76	2.35	8.43	74	98.6	
Radim (1)	11	6.36	2.54 - 10.2	6.36	38.8	7		
	12	1.36	0.544 - 2.18	1.36	42.4	7		
R-Biopharm	11	13.1	5.24 - 21.0	13.1	19.6	12	83.3	83.3
	12	2.22	0.888 - 3.55	2.22	33.3	12	83.3	
other provider (1)	11	16.2	6.48 - 25.9	16.2	23.8	5		
	12	0.891	0.356 - 1.43	0.891	99.9	5		

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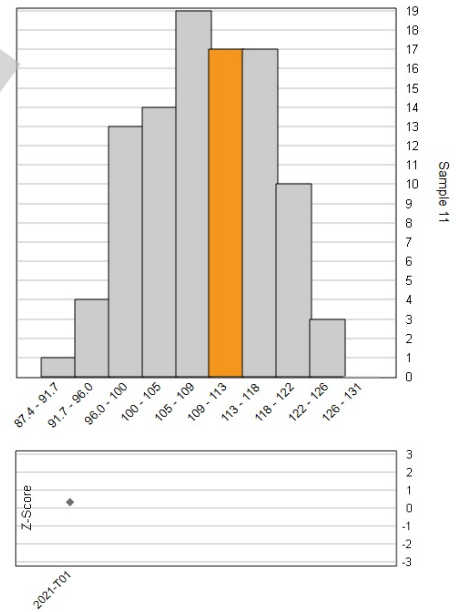
Rate of success: 88,7%



## IGE (IU/ml, N = 287)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
Immunolab Clinical	11	123	86.1 - 160	123	17.0	45	91.1	91.1
BDL - Labordiagnostik Muenster	11	136	95.2 - 177	136	9.78	15	100	100
Siemens (DPC)	11	161	113 - 209	161	13.5	19	100	100
Fooke	11	109	76.3 - 142	109	7.94	104	98.1	98.1
Phadia, Thermo Scientific	11	160	112 - 208	160	9.75	66	98.5	98.5
Radim	11	198	139 - 257	198	19.3	8	100	100
R-Biopharm	11	185	130 - 241	185	10.2	8	100	100
Roche	11	176	123 - 229	176	3.53	13	100	100
other provider	11	143	100 - 186	143	15.0	9	77.8	77.8

Rate of success: 96,9%





### Mite (*D.pharinae*) (Allergen-cl.) - d02 (N = 294, Rate of success: 96,6%)

Collective	Sample	Allergen-class						
		0	1	2	3	4	5	6
Immunolab Clinical	11				45	5		
	12	3	16	31				
BDL - Labordiagnostik Muenster	11					15		
	12	13	1	1				
Siemens (DPC)	11			1		12	1	
	12	1		13				
Euroimmun	11					5	4	
	12		2	6	1			
Fooke 4-Klassen System	11					5		
	12			5				
Fooke 6-Klassen System	11				8	91		
	12			99				
Phadia, Thermo Scientific	11				54	23		
	12			77				
Radim	11	1		1	5			
	12		6	1				
R-Biopharm	11				4	6	1	
	12		3	8				
other provider	11				3	2	1	1
	12		1	6				

The consensus result is highlighted in gray, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective.

### Wheat (Allergen-cl.) - f04 (N = 272, Rate of success: 97,4%)

Collective	Sample	Allergen-class						
		0	1	2	3	4	5	6
Immunolab Clinical	11			9	26			
	12	21	12	2				
BDL - Labordiagnostik Muenster	11					14		
	12	14						
Siemens (DPC)	11				10	1		
	12	4	7					
Euroimmun	11		1	1	7	2		
	12	4	7					
Fooke 4-Klassen System	11				2	3		
	12			5				
Fooke 6-Klassen System	11				32	68		
	12			100				
Phadia, Thermo Scientific	11				74			
	12	39	35					
Radim	11			2	3			
	12	4	1					
R-Biopharm	11				11			
	12	2	9					
other provider	11				2	2	1	1
	12	1	2	2	1			

The consensus result is highlighted in gray, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective.



## Peanut (Allergen-cl.) - f13 (N = 279, Rate of success: 93,2%)

Collective	Sample	Allergen-class						
		0	1	2	3	4	5	6
Immunolab Clinical	11			4	35	1		
	12	14	17	9				
BDL - Labordiagnostik Muenster	11					2	13	
	12			15				
Siemens DPC	11			1	8	2		
	12			11				
Euroimmun	11	1				3	7	
	12	2	1	6	2			
Fooke 4-class system	11					4		
	12			4				
Fooke 6-class system	11				2	96	1	
	12			94	5			
Phadia, Thermo Scientific	11				74	2		
	12		72	3				
Radim	11			1	4			
	12	1	4					
R-Biopharm	11				8	2	1	
	12		7	4				
other provider	11				2	1	1	3
	12		2	2	3			

The consensus result is highlighted in gray, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective.

## Egg yolk (Allergen-cl.) - f75 (N = 231, Rate of success: 93,9%)

Collective	Sample	Allergen-class						
		0	1	2	3	4	5	6
Immunolab Clinical	11	1	3	20	2			
	12	24	2					
BDL - Labordiagnostik Muenster	11				15			
	12	12	2					
DPC Biermann (SIEMENS)	11				6	1		
	12		6	1				
Euroimmun	11		1	3	6			
	12	5	4	1				
Fooke 4-class system	11			3	1			
	12		4					
Fooke 6-class system	11				100	1		
	12	8	86	7				
Phadia, Thermo Scientific	11			49	1			
	12	50						
R-Biopharm	11			11				
	12	8	3					
other provider	11			3	2			2
	12	2	3	1	1			

The consensus result is highlighted in gray, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective.

## Der p1 (Allergen-cl.) - x904 (N = 165, Rate of success: 95,2%)

Collective	Sample	Allergen-class						
		0	1	2	3	4	5	6
Immunolab Clinical	11			18	2			
	12	13	5	2				
Fooke	11				45	59		
	12	1	25	77				
Phadia, Thermo Scientific	11			1	35	2		
	12	7	28	3				
other provider	11				3			
	12		3					

The consensus result is highlighted in gray, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective.





## Honey bee (Allergen-cl.) - i01 (N = 279, Rate of success: 96,4%)

Collective	Sample	Allergen-class						
		0	1	2	3	4	5	6
Immunolab Clinical	11	1		1	44			
	12	42	2		1			
BDL - Labordiagnostik Muenster	11				1	14		
	12	15						
Siemens (DPC)	11			1	9	1		
	12	11						
Euroimmun	11				5	2		
	12	6						
Fooke 4-class system	11		1	3				
	12		4					
Fooke 6-class system	11				99	3		
	12	102						
Phadia, Thermo Scientific	11				72	1		
	12	73						
Radim	11				5	1		
	12	6						
R-Biopharm	11	1	1		10			
	12	5	4	3				
other provider	11				2			1
	12	3						

The consensus result is highlighted in gray, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective.

## Common wasp (Allergen-cl.) - i03 (N = 279, Rate of success: 95,3%)

Collective	Sample	Allergen-class						
		0	1	2	3	4	5	6
Immunolab Clinical	11		1	3	41			
	12	3	3	38	1			
BDL - Labordiagnostik Muenster	11				15			
	12			15				
Siemens (DPC)	11				10	1		
	12			9	2			
Euroimmun	11				1	5	1	
	12		1	4	1			
Fooke 4-class system	11				1	3		
	12			4				
Fooke 6-class system	11				12	90		
	12			98	3	1		
Phadia, Thermo Scientific	11			1	71	1		
	12		1	70	2			
Radim	11				7			
	12			7				
R-Biopharm	11	1		1	4	6		
	12	2		4	6			
other provider	11				3			
	12	2		1				

The consensus result is highlighted in gray, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective.