

**Each new batch** of a reference control will have its own, **unique titer ranges**. Therefore, it is required to **download and activate** the new ref control in the BioChek II Software.

It is done as described below:

 Download the new Ref control: Open BioChek II Software and go to Configuration > Software Settings > Software Updates > click Update Assay's and Ref. Controls.

Biochek 2017.0.19.0	•				– a ×				
Configuration	🜻 Software Settings				×				
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Software Settings	2								
<u>.</u>	Target Titer	Vaccines	VDP Pars	Custom Export	Save Settings				
<b>*</b> 2	Extraction Methods (PCR)								
Data Utilities	Report Settings	Monitoring programs	Sample Type	Lab-Departments					
	Vaccination programs	Type Of Animal	Readers J	Assays Software Undater					
Databases	General Settings	Users	Flock/Herd C	Soliware Opdates					
	Biochek Software Update Services Address								
	Url: https://server.biochekonline.com/webservice	/service/webservice.asmx							
	Use Proxy Address:	Port: 80	Auto Detect						
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	Check Software Update	Check Software Updates PRERELEASE							
		Update Readers From Biochek-Web							
Reception		4							
📚 Test	Update Assays/Ref Controls	Update Countries	-						
Reporting	Update VDP-Pars	Update Targets							
Monitoring	Update Breeds	Update Vaccines							
States Customers									
Configuration 🛛 🗲	s Sample Types	Update Vaccination programs							
Support	Type Of Animals								
×			C:\BIOCHEK II\biochek.sdf	BioChek B.V. 👌 Lab Administrator 🔅 T	est Reader / [none]				

When successful, the message Assay's Update appears

2. Activate the ref control for each assay:

Go to **Configurations > Software Settings > Assays** (select the assay of interest) and click **Edit** 

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🖕 🕄		Extraction Methods (PCR)	11 S S		0 I T		
	Target Titer		Vaccines		Sample Types	Lab-Departments Custom Export	
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		General Settings	Users		Flock/Herd Code	Software Updates	
E-3		Vaccination programs	Type Of Animal			Assays	
atabases	Accave						
	Assays				5		
	Drag a colum	in header here to group by that column.					
	Abbreviation	Description	Department	Type		^	
	IBD	Infectious Bursal Disease	Serology	Elisa			
	IBV	Infectious Bronchitis	Serology	Elisa			
	NDV	Newcastle Disease	Serology	Elisa		6	
	REO	REO	Serology	Elisa			
	AE	Avian Encephalomyelitis	Serology	Elisa			
	Ms	Mycoplasma synoviae	Serology	Elisa		_	
	Mg	Mycoplasma gallisepticum	Serology	Elisa			
	MgMs	Mg/Ms combined	Serology	Elisa			
	SalmBD	Salmonella group B and D combined	Serology	Elisa			
	NDVF	Newcastle Disease F-protein	Serology	Elisa			
	A H M aPCR	App-HPS-Mbyo DNA test kit	Serology	PCR			
tion	All	Type A Avian Influenza	Serology	Flies			
	Alag	Al type A antigen	Serology	Elisa			
	AIEDS	AIEDS	Serology	Elisa			
	Almulti	Al type A multispecies	Serology	Elisa			
	ART	Avian Rhinotracheitis	Serology	Elisa			
ing	ART qPCR	Avian Rhinotracheitis RNA test kit	Serology	PCR			
	BLS	Big Liver and Spleen Disease	Serology	Elisa			
oring	Campy	Campylobacter multiplex	Molecular Diagnostics	PCR			
	CAstV	Chicken Astro Virus	Serology	Elisa			
mers	CAV	Chicken Anemia	Serology	Elisa			
	EDS	Egg Drop Syndrome	Serology	Elisa			
iguration	FAV1	FAV group 1	Serology	Elisa			
	H5 H7 H9	Influenza H5 H7 H9	Serology	PCK			
	IBV QPCR	intectious Bronchitis Virus	serology	PCK		~	



## Go to **Elisa > Reference controls** and tick the box **Automatic Fill** to get the reference control in the plate layout. Click **SAVE**



## Finish by clicking SAVE SETTINGS

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	Abbreviation	Description	Department	Туре		^			
	IBD								
	IBV	Infectious Bronchitis	Serology	Elisa					
	NDV	Newcastle Disease	Serology	Elisa					
	REO	REO	Serology	Elisa					
	AE	Avian Encephalomyelitis	Serology	Elisa					
	Ms	Mycoplasma synoviae	Serology	Elisa					
	Mg	Mycoplasma gallisepticum	Serology	Elisa					
	MgMs	Mg/Ms combined	Serology	Elisa					
	SalmBD	Salmonella group B and D combined	Serology	Elisa					
	NDVF	Newcastle Disease F-protein	Serology	Elisa					
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ing	ART aPCR	Avian Rhinotracheitis RNA test kit	Serology	PCB					
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	CAstV	Chicken Astro Virus	Serology	Elisa					
ers	CAV	Chicken Anemia	Serology	Elisa					
	EDS	Egg Drop Syndrome	Serology	Elisa					
	FAV1	FAV group 1	Serology	Elisa					
iration	H5 H7 H9	Influenza H5 H7 H9	Serology	PCR					
	IBV qPCR	Infectious Bronchitis Virus	Serology	PCR					
	UT.	Infectious Lanungetracheitie	Saralam	Elian		v			



NOTE: in case downloading the ranges is no option, one can add the ref controls manually by going to **Configuration > Software Settings > Assays > Edit > Elisa > reference controls > Add** and specify the required info about the ref control, which you can find on the insert.

🔊 Assay							×			
Assay Infectious Bursal Disease										
General Elisa Stati	stics									
Dilution:	500	Filte	er: 405	Blanking	Sha	aking				
# Neg. Controls:	2 #	Pos. Controls	;: 2	Controls-posi	ition: Begin	Of Plate 🗸				
Calculation Inter	pretation Quantitati	ve Interpretat	ion Qualitative	Reference Controls	Additional Pa	ss Criteria				
Text	# Wells	Min	Max	Automatic Fill	[Priority]	Add				
RF09	2	4000	8000		0					
RF10	1	4000	8000		0	∧ Delete				
RF10	2	4000	8000		0					
CB100 (BE13)	2	6000	12000		1					
CR300 (CH0506)	2	6000	12000		2					
CR300 (RS04)	2	3000	7000		2					
	1	0	0		999					
CR300 (RS06)	2	3500	9000		999					
CRS		3000	6000		999					
	specify the name, number of wells, min and max titer range, tick Automatic Fill and specify the Priority on the plate									
<					:	>				
					Save	Cancel				

Click Save and finish with SAVE SETTING