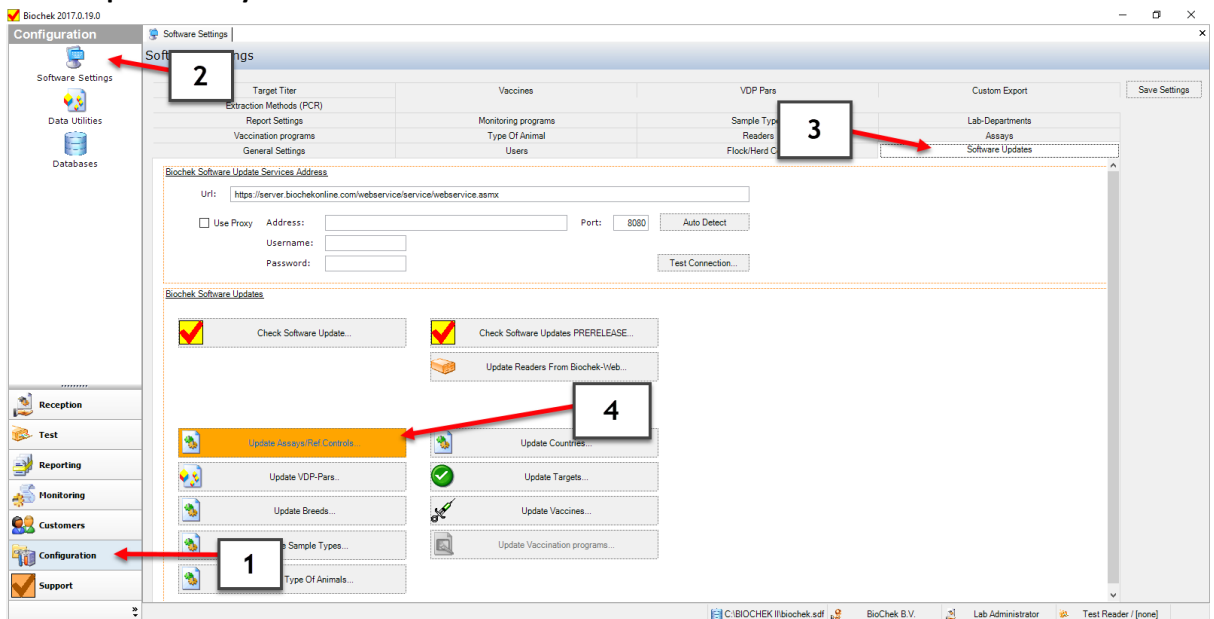


Each new batch of a reference control will have its own, **unique titer ranges**. Therefore, it is required to **download and activate** the new ref control in the BioChek II Software.

It is done as described below:

1. Download the new Ref control:

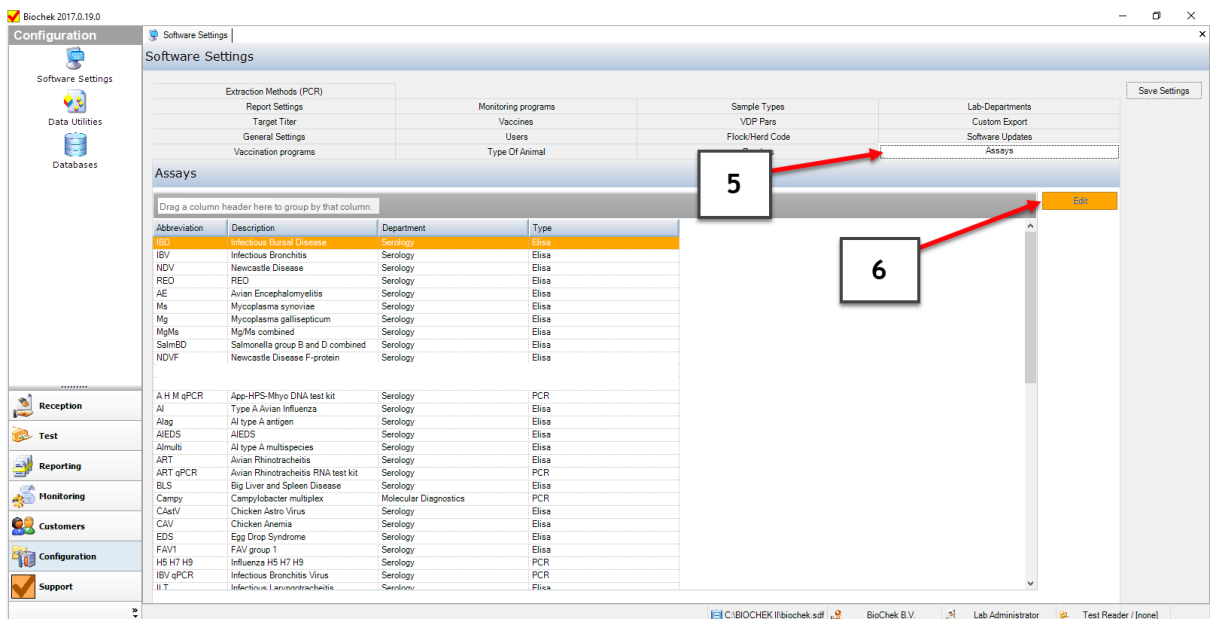
Open BioChek II Software and go to **Configuration > Software Settings > Software Updates > click Update Assay's and Ref. Controls.**



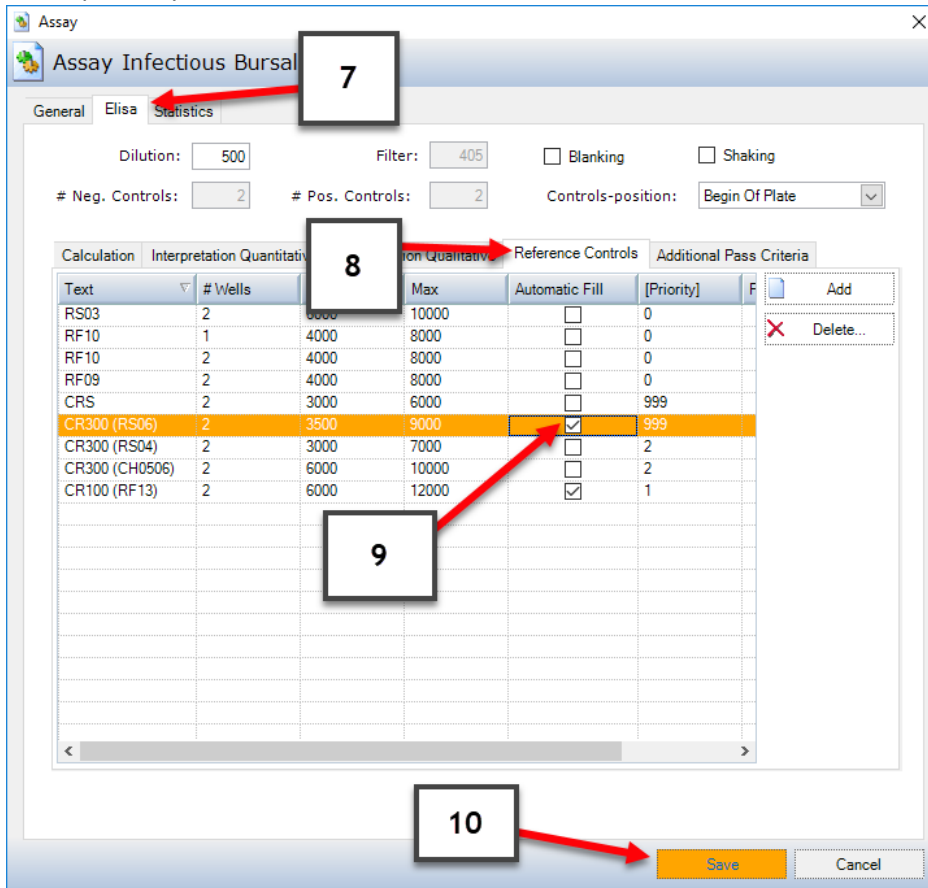
When successful, the message Assay's Update appears

2. Activate the ref control for each assay:

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



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



Assay Infectious Bursal Disease

General **Elisa** Statistics

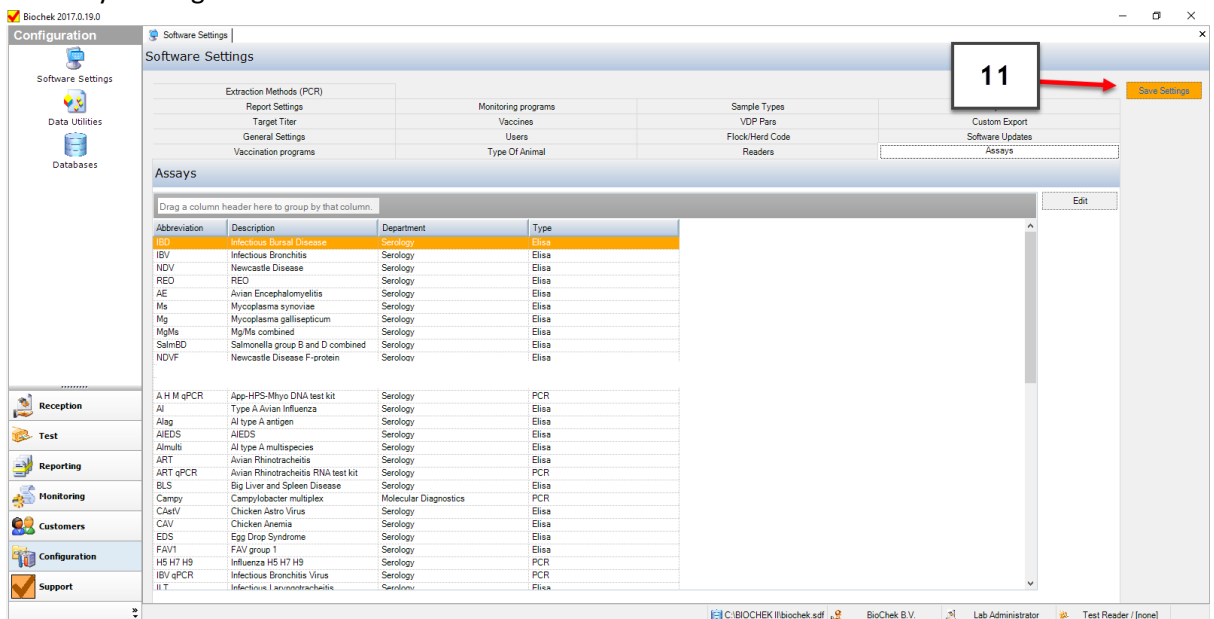
Dilution: 500 Filter: 405 Blanking Shaking

Neg. Controls: 2 # Pos. Controls: 2 Controls-position: Begin Of Plate

Text	# Wells	Min	Max	Automatic Fill	[Priority]
RS03	2	3000	10000	<input type="checkbox"/>	0
RF10	1	4000	8000	<input type="checkbox"/>	0
RF10	2	4000	8000	<input type="checkbox"/>	0
RF09	2	4000	8000	<input type="checkbox"/>	0
CRS	2	3000	6000	<input type="checkbox"/>	999
CR300 (RS06)	2	3500	9000	<input checked="" type="checkbox"/>	999
CR300 (RS04)	2	3000	7000	<input type="checkbox"/>	2
CR300 (CH0506)	2	6000	10000	<input type="checkbox"/>	2
CR100 (RF13)	2	6000	12000	<input checked="" type="checkbox"/>	1

Save Cancel

Finish by clicking **SAVE SETTINGS**



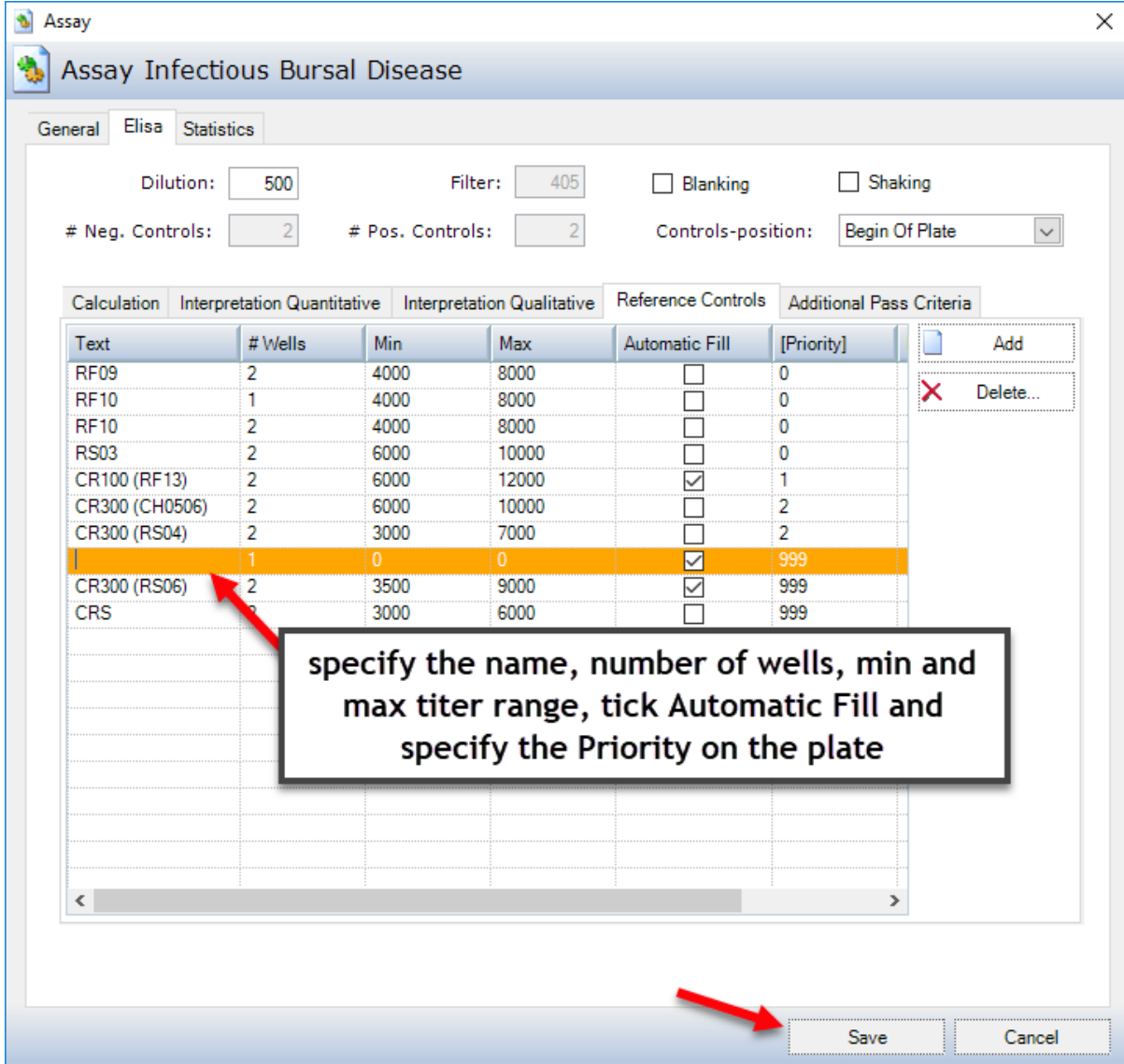
Software Settings

Assays

Abbreviation	Description	Department	Type
IBD	Infectious Bursal Disease	Serology	Elisa
IBV	Infectious Bronchitis	Serology	Elisa
NDV	Newcastle Disease	Serology	Elisa
REO	Respiratory Ectoparasitosis	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
NDV/F	Newcastle Disease F-protein	Serology	Elisa
A.H.M qPCR	App-HPS-Miyo DNA test kit	Serology	PCR
AI	Type A Avian Influenza	Serology	Elisa
AIag	AI type A antigen	Serology	Elisa
AI/EDS	AI/EDS	Serology	Elisa
AI/multi	AI type A multispecies	Serology	Elisa
ART	Avian Rhinotracheitis	Serology	Elisa
ART qPCR	Avian Rhinotracheitis RNA test kit	Serology	PCR
BLS	Big Liver and Spleen Disease	Serology	Elisa
Campy	Campylobacter multiplex	Molecular Diagnostics	PCR
CAstV	Chicken Astro Virus	Serology	Elisa
CAV	Chicken Anemia	Serology	Elisa
EDS	Egg Drop Syndrome	Serology	Elisa
FAV1	FAV group 1	Serology	Elisa
H5 H7 H9	Influenza H5 H7 H9	Serology	PCR
IBV qPCR	Infectious Bronchitis Virus	Serology	PCR
ILT	Infectious Laryngotracheitis	Serology	Elisa

Save Settings

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.



Dilution: 500 Filter: 405 Blanking Shaking

Neg. Controls: 2 # Pos. Controls: 2 Controls-position: Begin Of Plate

Text	# Wells	Min	Max	Automatic Fill	[Priority]	
RF09	2	4000	8000	<input type="checkbox"/>	0	<input type="button" value="Add"/>
RF10	1	4000	8000	<input type="checkbox"/>	0	<input type="button" value="Delete..."/>
RF10	2	4000	8000	<input type="checkbox"/>	0	
RS03	2	6000	10000	<input type="checkbox"/>	0	
CR100 (RF13)	2	6000	12000	<input checked="" type="checkbox"/>	1	
CR300 (CH0506)	2	6000	10000	<input type="checkbox"/>	2	
CR300 (RS04)	2	3000	7000	<input type="checkbox"/>	2	
	1	0	0	<input checked="" type="checkbox"/>	999	
CR300 (RS06)	2	3500	9000	<input checked="" type="checkbox"/>	999	
CRS	2	3000	6000	<input type="checkbox"/>	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**