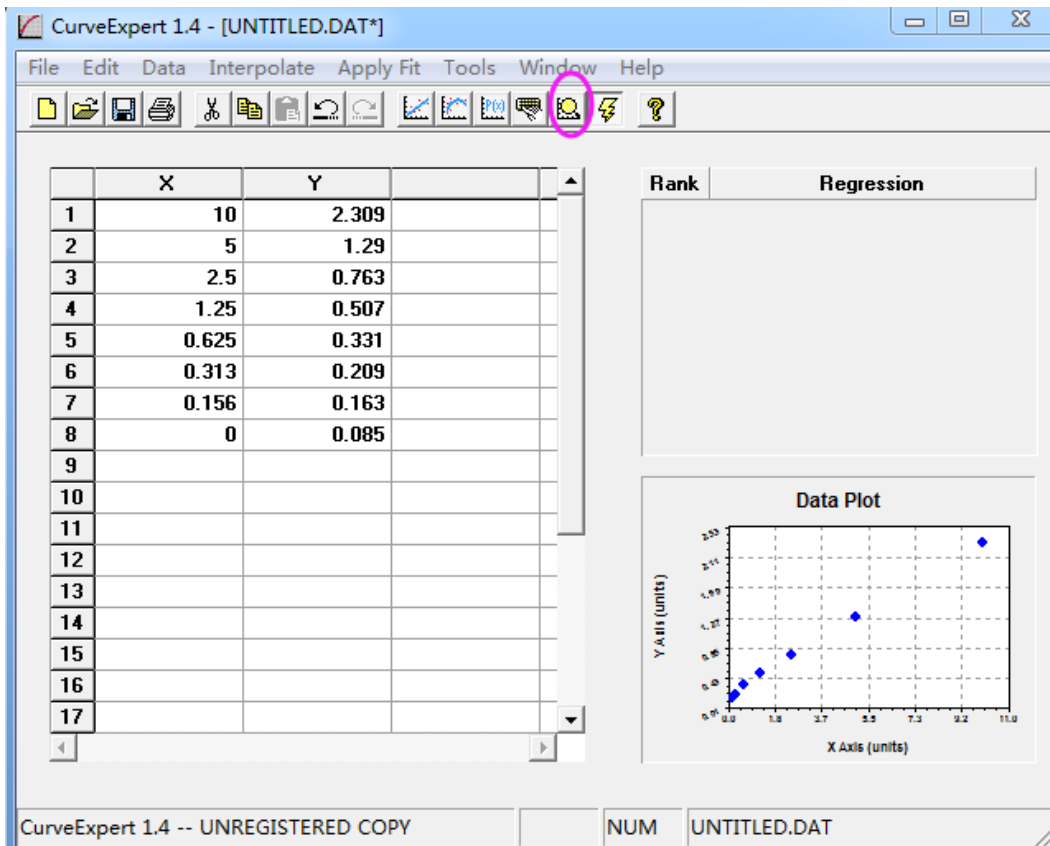

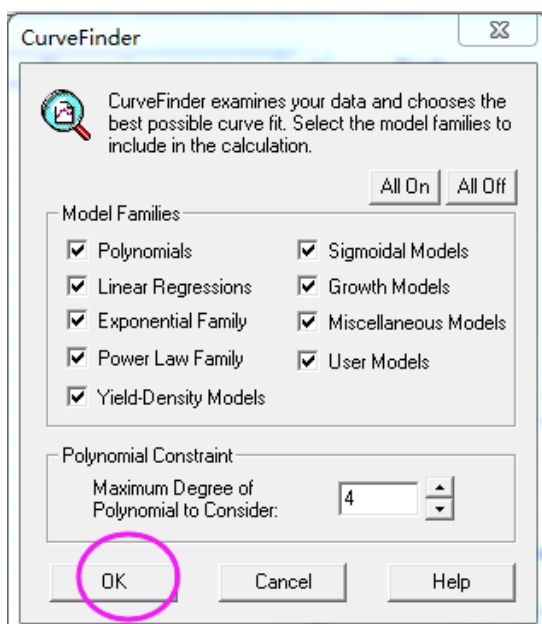


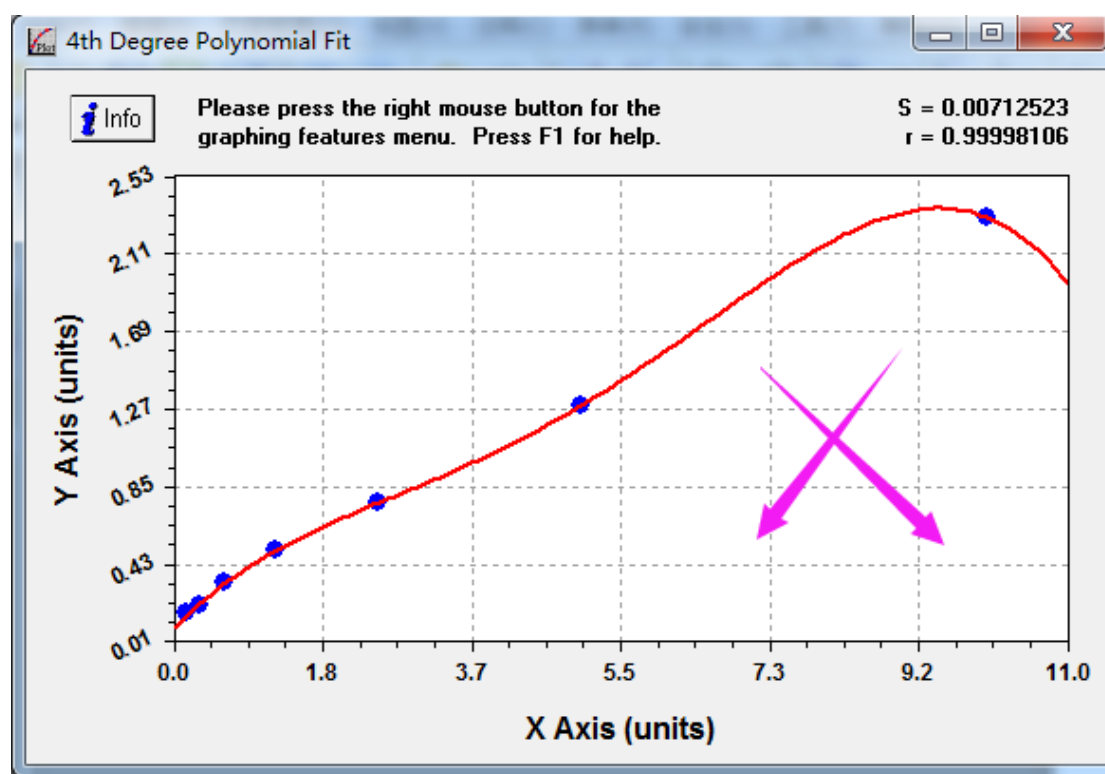
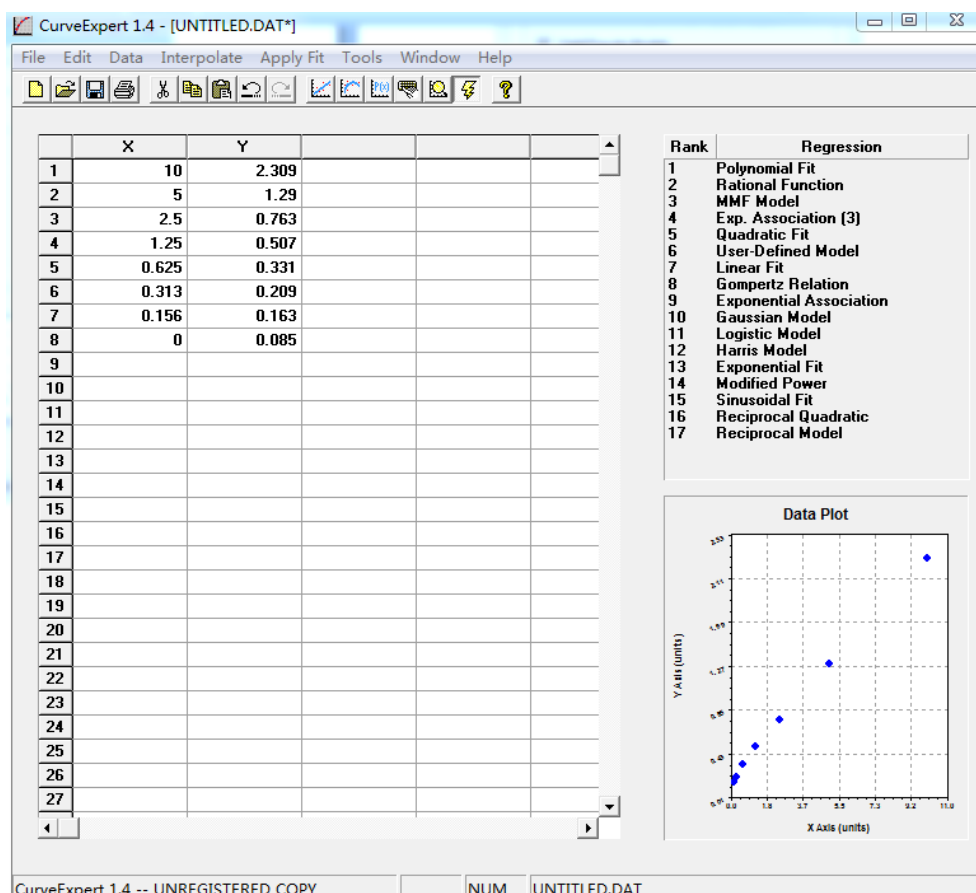
1. Open software "Curve Expert1.4", you can download in free from www.fn-test.com.
2. Create a standard curve by plotting the mean OD value for each standards on the Y-axis against the concentration on the X-axis, as below:



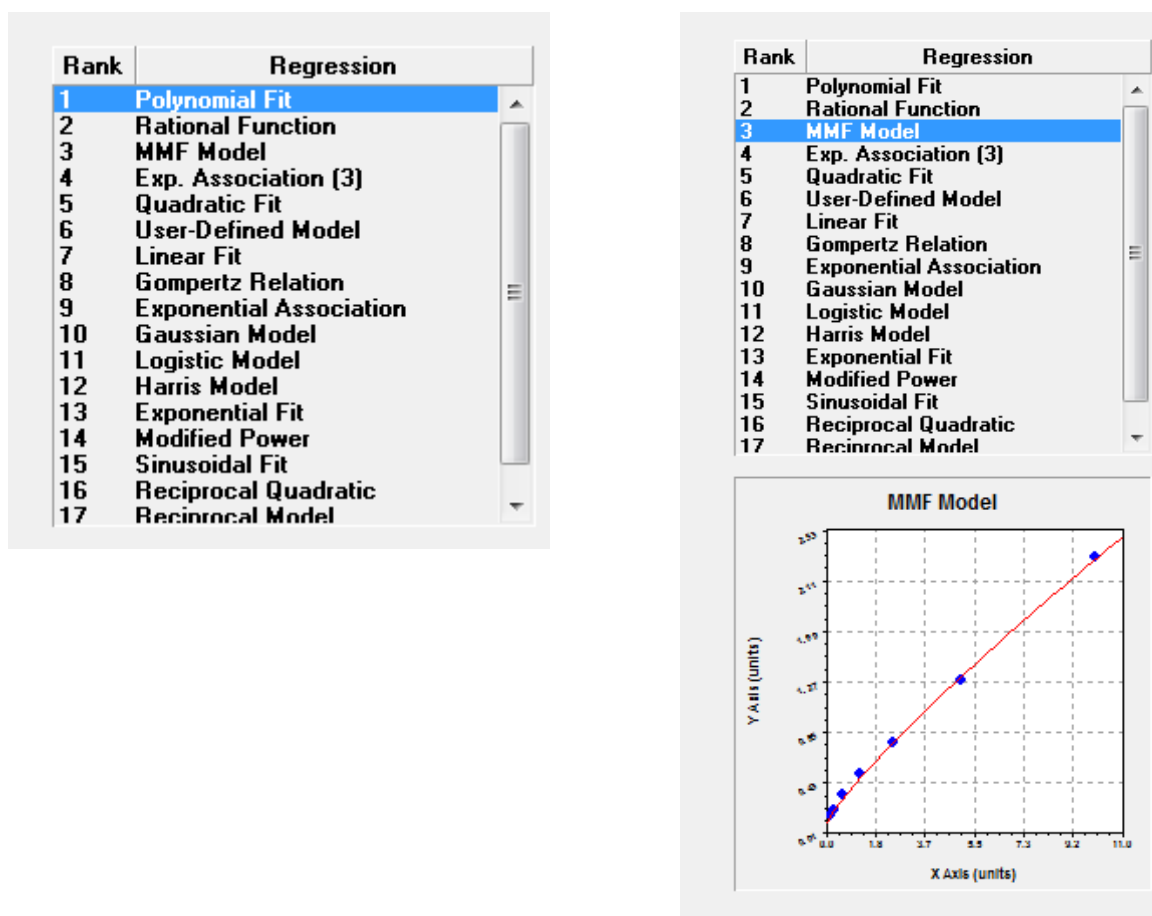
3. Click  button, as will be shown below:



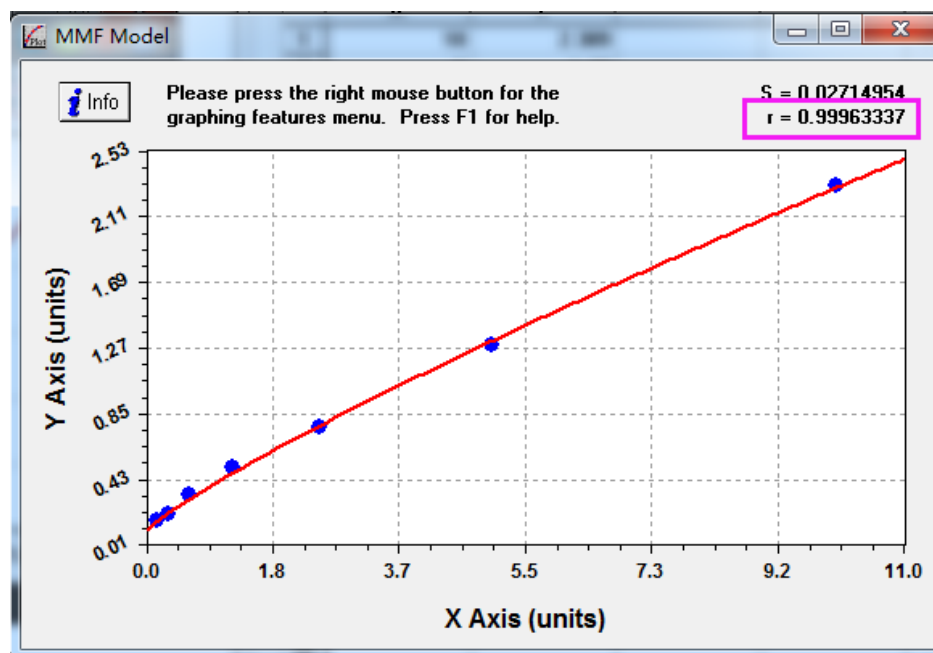
4 . Click [OK] button , as will be shown two dialog boxes, close the second dialog box,



5. In the top right hand corner, appears some curves, from "1" and click on the curve, it will be shown fitting curves in the bottom:

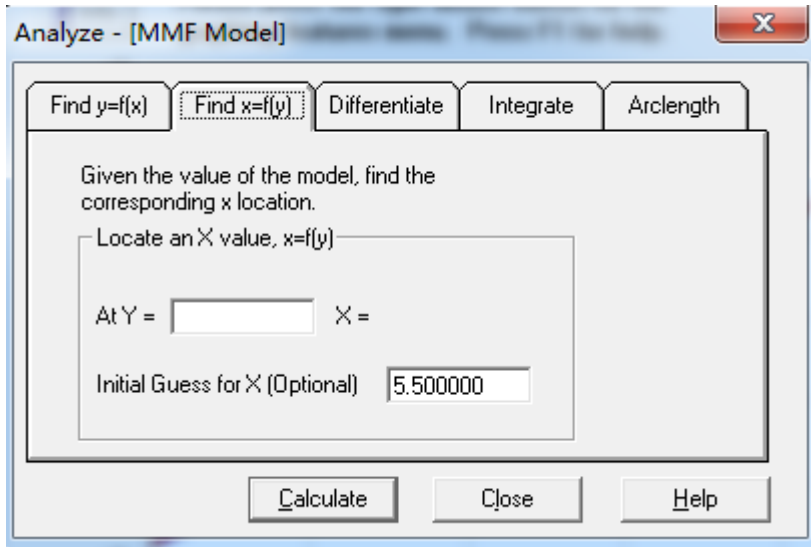


6. Chose the best ELISA fitting curve, double click, it will be shown as below:



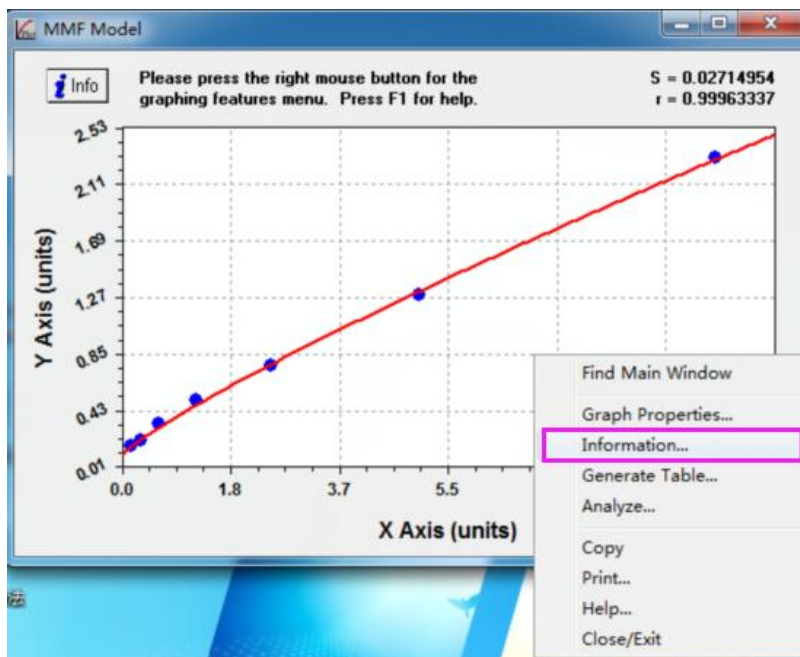
Note: choose coefficient (i.e. the "r" value) the best curve equation for computing. Right hand corner shown "r" value, when "r" value more close 1, the curve fitting more better.

7. Press [Ctrl] + [L], it will be shown as below:

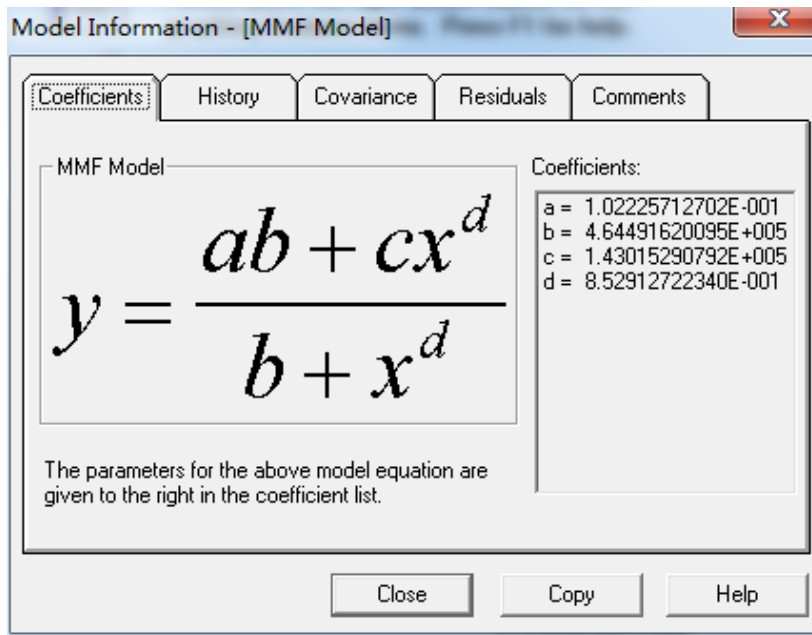


Entry OD value, click [Calculate] button, then you can get actual content of protein will be detected (sample diluted N times, the value should be multiplied by N times)

8. If want to get the ELISA fitting curve equation, go back step 6 and right-click in the dialog box space, select "Information"



9.As will be shown below:



Click "copy" , paste it to Excell , you can get the following data:

Rational Function: $y = (a + bx) / (1 + cx + dx^2)$

Coefficient Data: