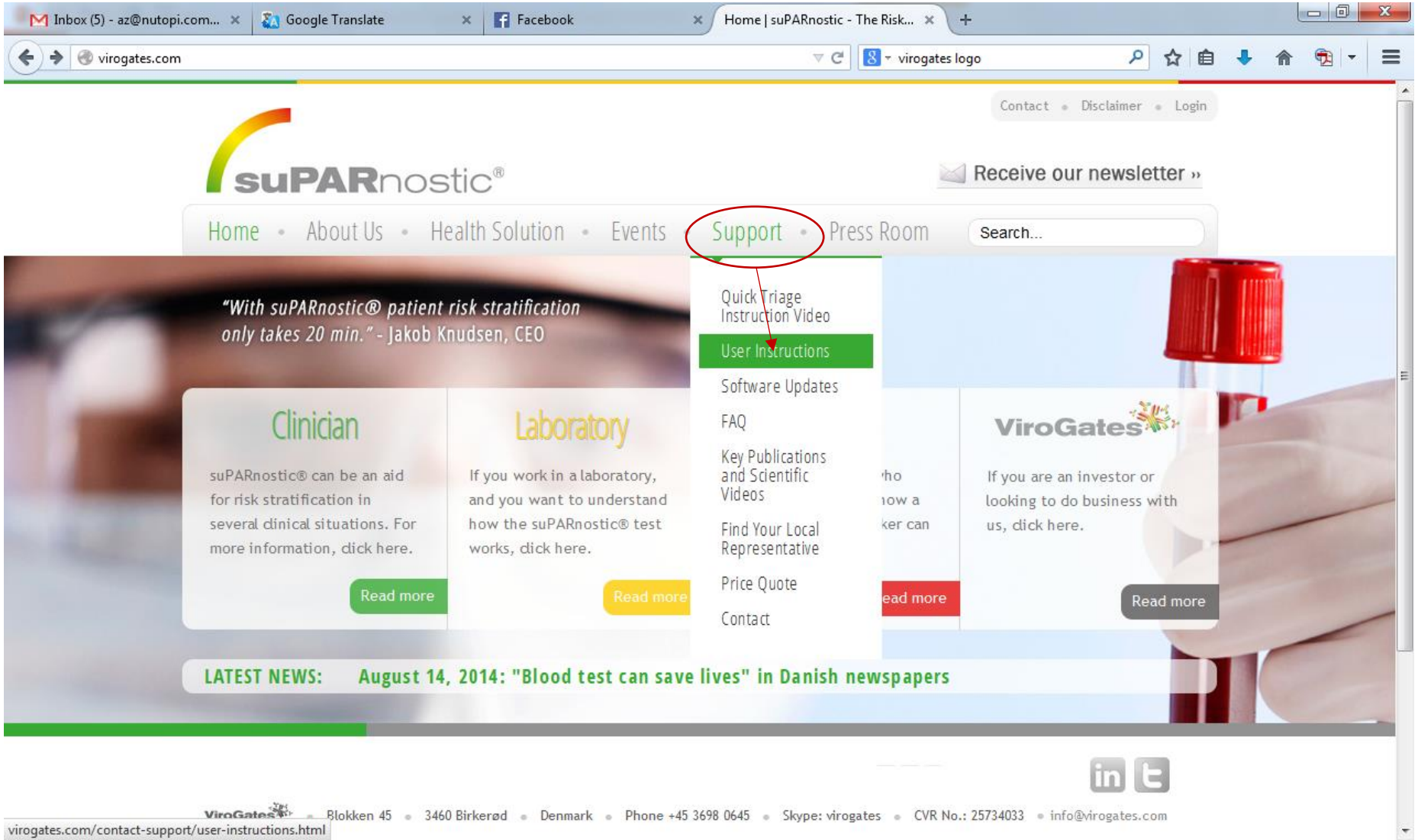
ViroGates

suPARnostic®

Calculation Template Guide

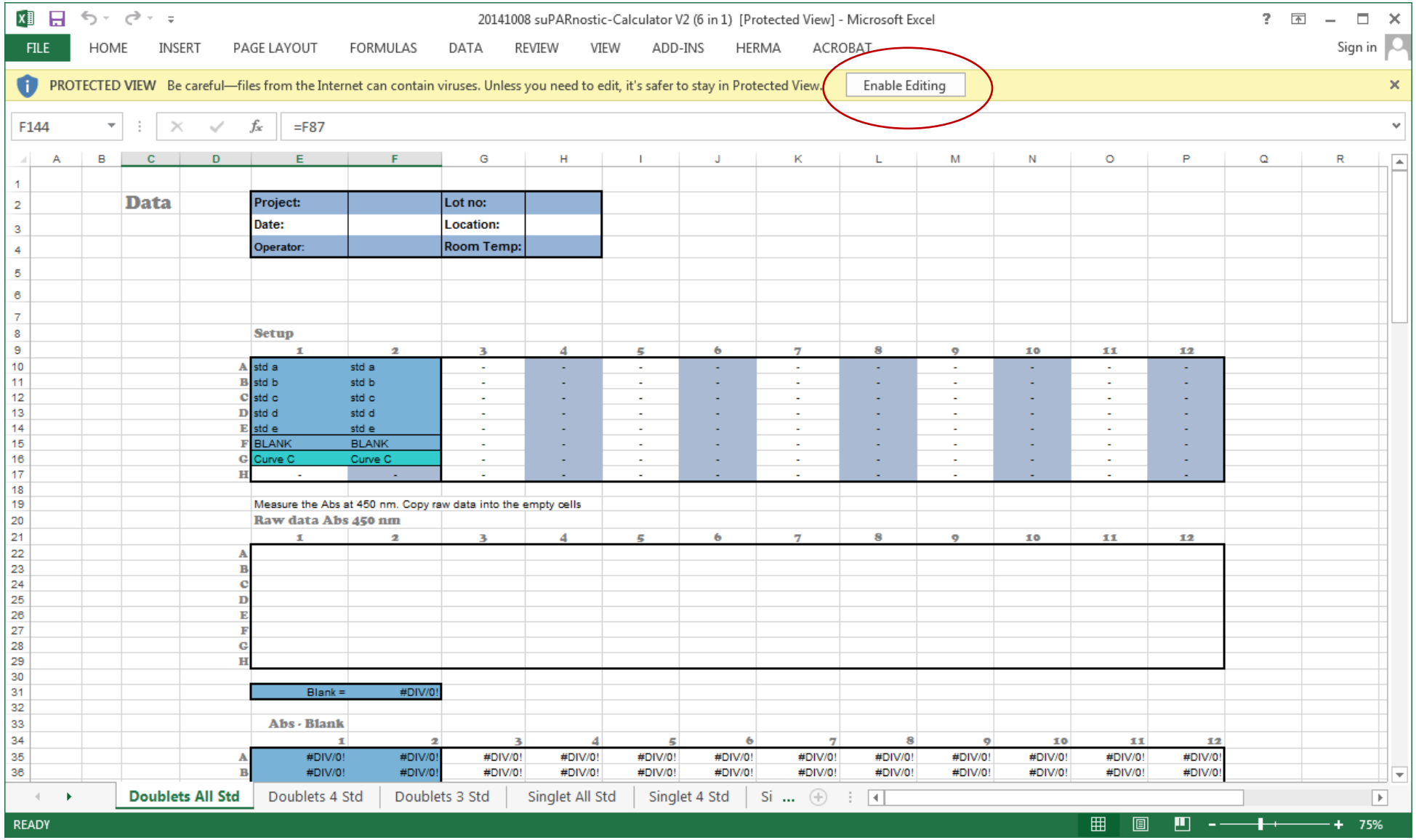
Version 2

1. Download the Calculation Template from www.virogates.com website



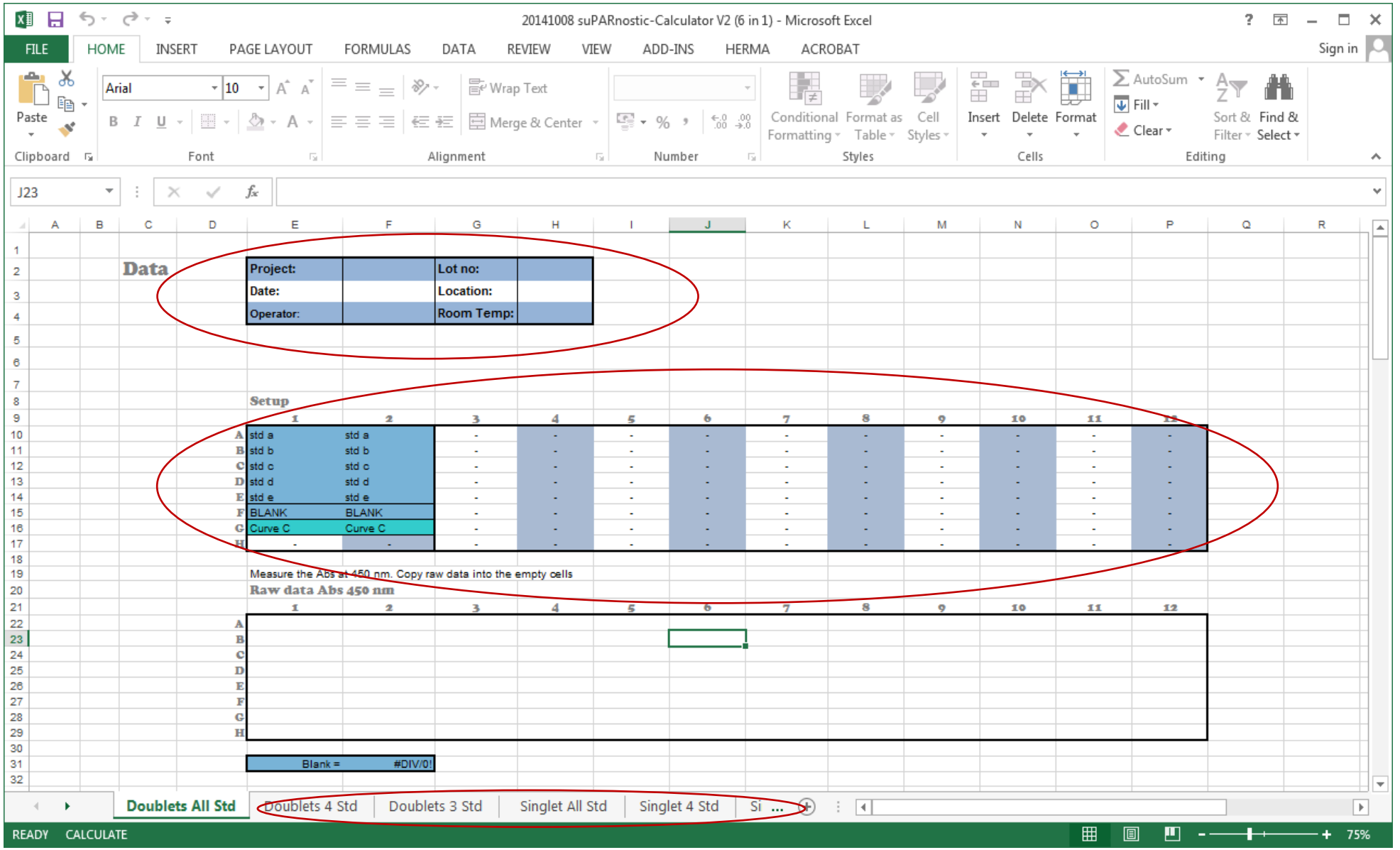
- Find the *Support* tab on the website
- Choose *User Instructions*
- Find *User Instructions - suPARnostic® ELISA Kit*
- Download *Calculation Tool* by clicking on the green arrow and save the file on a computer

2. Start the suPARnostic® Calculation Template file



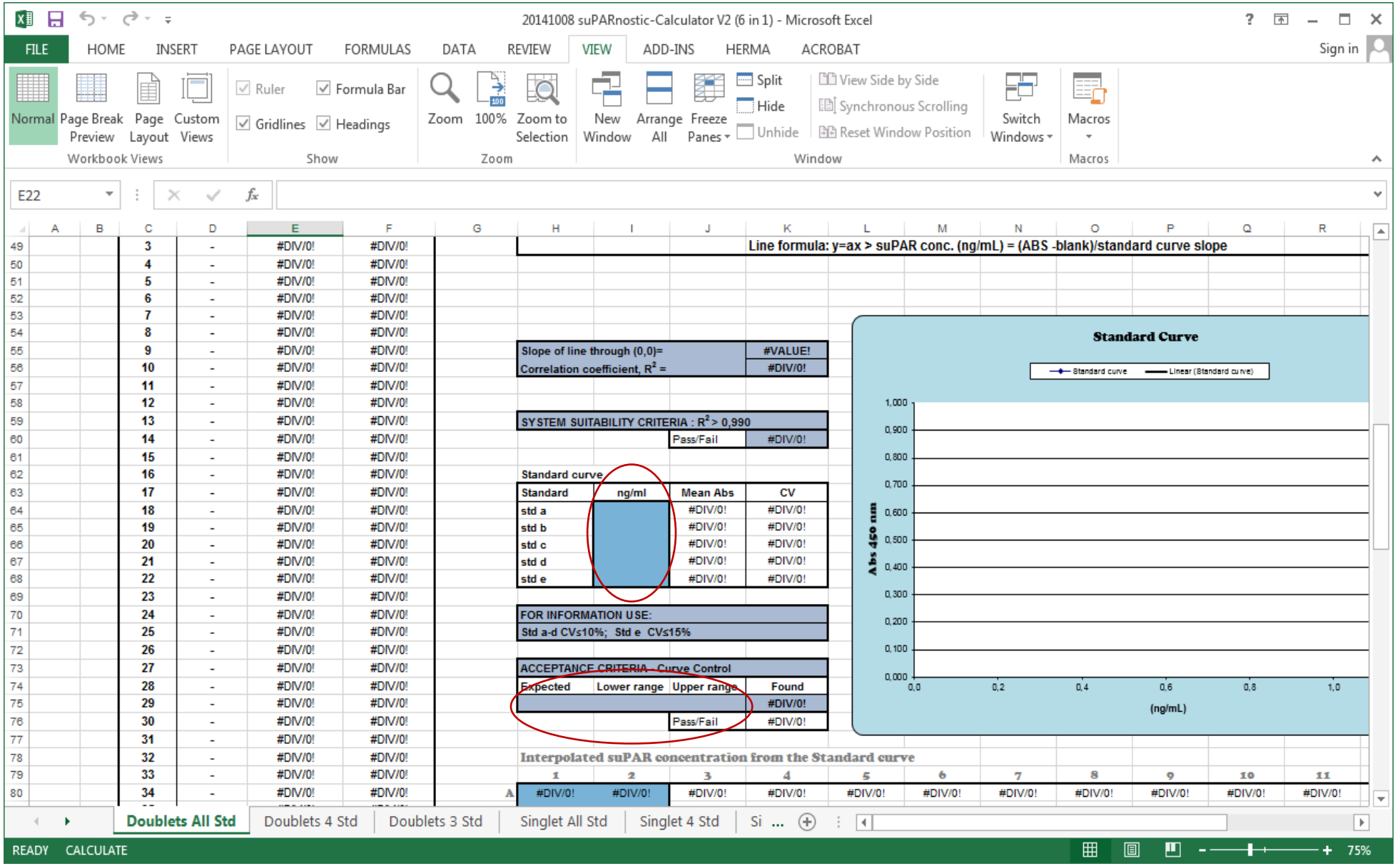
- Open the file *suPARnostic-Calculator V2 (6 in 1)*
- After opening security warning will occur
- Choose *Enable editing* for broader editing option

3. Preparation of the worksheet – Data section



- Depending on which type of the test was chosen, delete sheets which are not going to be used
- Enter the info data in the table in the *Data* section of the sheet
- Enter the plate setup in the *Setup* table below - fill white cells only
- Data from *Setup* will be copied automatically in the *Results* part of the template

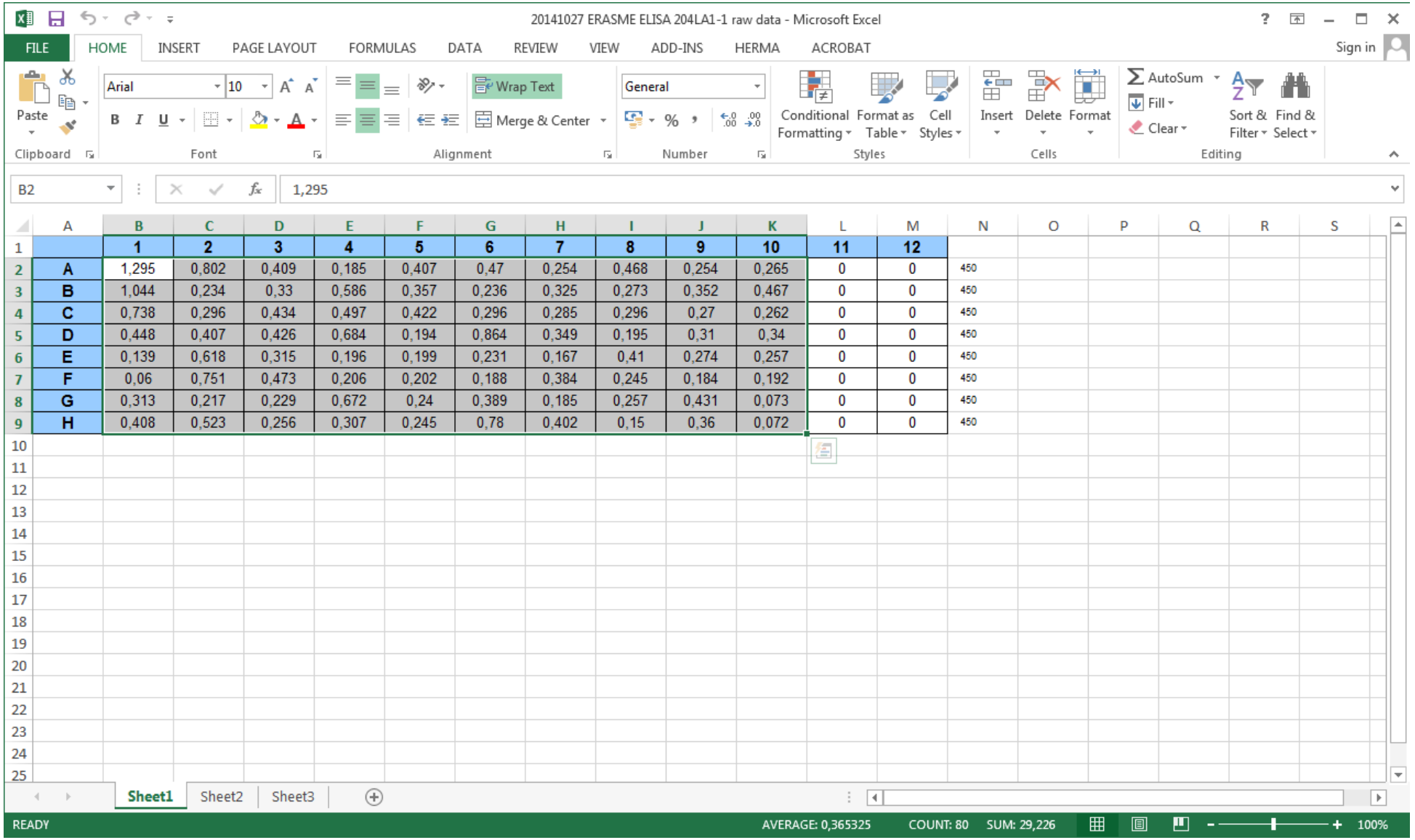
3. Preparation of the worksheet – Results section



- Enter the Standards and Curve Control Values which were used in the assay - find it in the Analytical Value Sheet added in each suPARnostic® Kit

- The Standard curve will be seen automatically in the graph after entering Standards concentration values (see step 5)

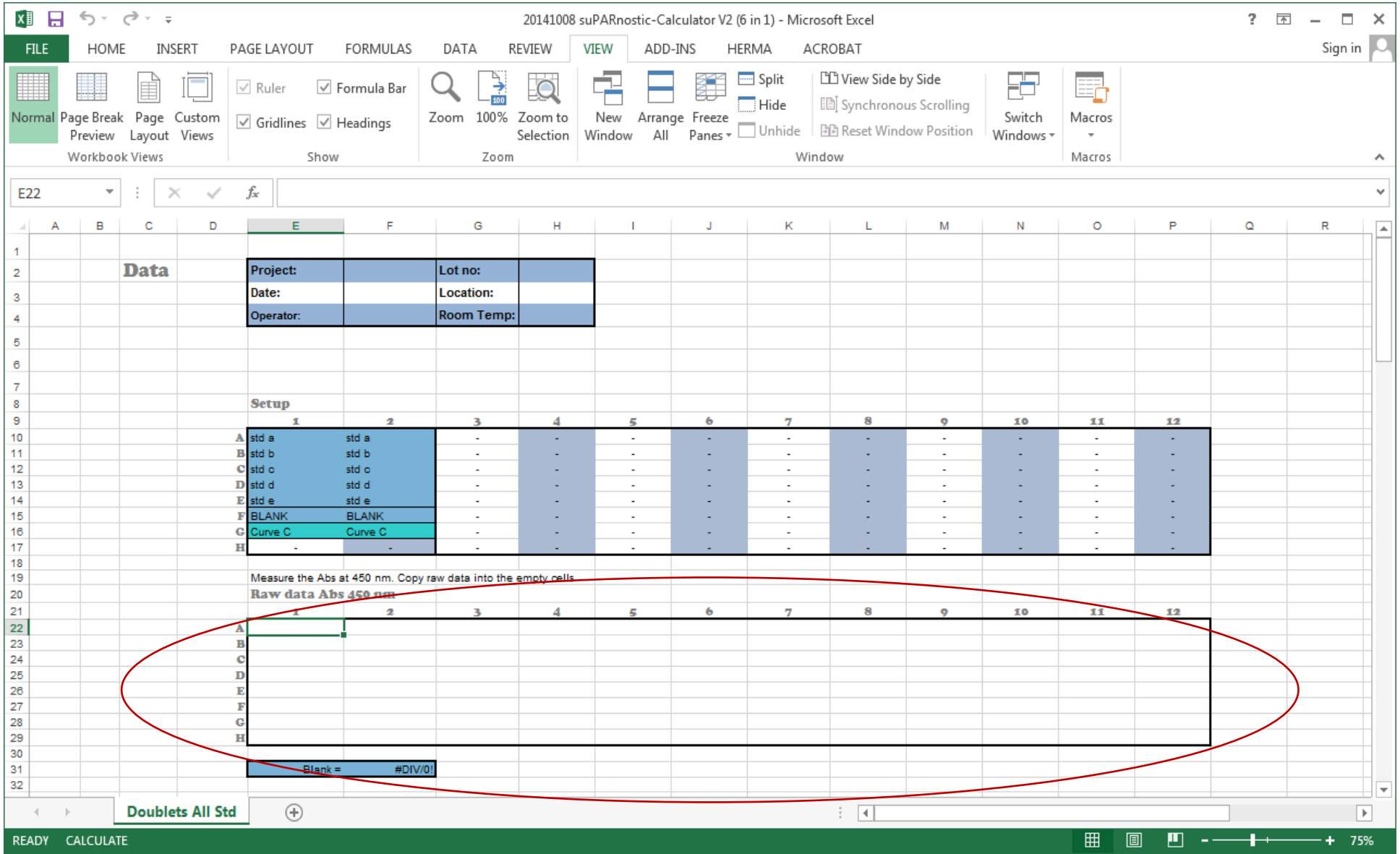
4. Copy the results



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		1	2	3	4	5	6	7	8	9	10	11	12	
2	A	1,295	0,802	0,409	0,185	0,407	0,47	0,254	0,468	0,254	0,265	0	0	450
3	B	1,044	0,234	0,33	0,586	0,357	0,236	0,325	0,273	0,352	0,467	0	0	450
4	C	0,738	0,296	0,434	0,497	0,422	0,296	0,285	0,296	0,27	0,262	0	0	450
5	D	0,448	0,407	0,426	0,684	0,194	0,864	0,349	0,195	0,31	0,34	0	0	450
6	E	0,139	0,618	0,315	0,196	0,199	0,231	0,167	0,41	0,274	0,257	0	0	450
7	F	0,06	0,751	0,473	0,206	0,202	0,188	0,384	0,245	0,184	0,192	0	0	450
8	G	0,313	0,217	0,229	0,672	0,24	0,389	0,185	0,257	0,431	0,073	0	0	450
9	H	0,408	0,523	0,256	0,307	0,245	0,78	0,402	0,15	0,36	0,072	0	0	450

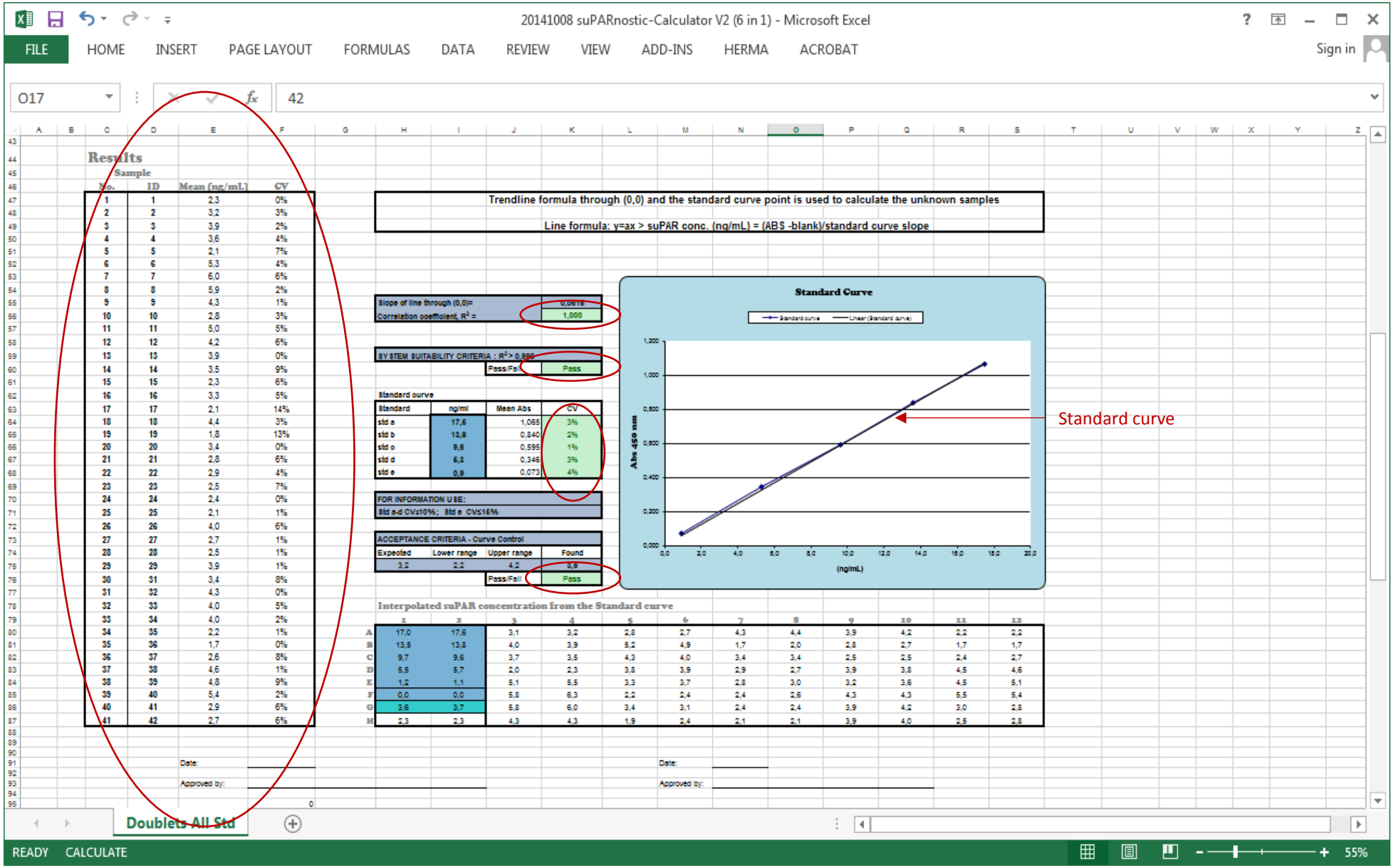
- Save Raw Data from ELISA Reader reading as an Excel file
- Copy the table contents
- Paste the results to the *Raw data Abs 450 nm* table in the Calculation template (see step 5)

5. Enter the results into the Calculation Template



- Paste the results into the *Raw data 450 nm* table in the Calculation template
- The suPAR concentration will be calculated automatically in the *Results* part of the Table (see step 6)

6. Results interpretation



- The suPAR concentration from samples are calculated automatically and can be seen in the *Results* section in the left table

- Cells with criteria to accept the results will be filled automatically – this will be: *Correlation coefficient R^2, Standards CV%, Curve control concentration*

- If the results met the criteria, Excel automatically fills the cell with ‚*Pass*' and green color background; if not Excel fills it with ‚*Fail*' and pink background