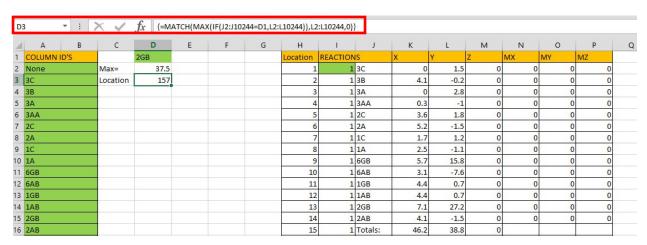
## I am using Excel 2013

This is my equation to lookup the maximum value in column L when the value in column J matches cell D1.

D2	· • :	X V	<i>f</i> <sub>x</sub> {=MA	AX(IF(J2:J10	244=D1,L	2:L10244))}									
24	A B	С	D	Е	F	G	н	1	J	K	L	М	N	0	Р
1	COLUMN ID'S		2GB				Location	REACTION	S	X	Υ	Z	MX	MY	MZ
2	None	Max=	37.5				1	1	3C	0	1.5	0	0	0	0
3	3C	Location	157				2	1	3B	4.1	-0.2	0	0	0	0
4	3B						3	1	3A	0	2.8	0	0	0	0
5	3A						4	1	3AA	0.3	-1	0	0	0	0
6	3AA						5	1	2C	3.6	1.8	0	0	0	0
7	2C						6	1	2A	5.2	-1.5	0	0	0	0
8	2A						7	1	1C	1.7	1.2	0	0	0	0
9	1C						8	1	1A	2.5	-1.1	0	0	0	0
10	1A						9	1	6GB	5.7	15.8	0	0	0	0
11	6GB						10	1	6AB	3.1	-7.6	0	0	0	0
12	6AB						11	1	1GB	4.4	0.7	0	0	0	0
13	1GB						12	1	1AB	4.4	0.7	0	0	0	0
14	1AB						13	1	2GB	7.1	27.2	0	0	0	0

This is my equation to lookup the location of the maximum value in column L when the value in column J matches cell D1.



2GB has its maximum value of 37.5 at 157 and 2AB has its maximum value of 37.5 at 158

4	Α	В	С	D	E	F	G	Н	1	J	К	L	М	N	0	Р	Q
157							_	156	10	1AB	-0.5	11.3	0	0	0	0	
158								157	10	2GB	6.3	37.5	4	0	0	0	
159							L	158	10	2AB	-6.3	37.5	4	0	0	0	
																	1

When I have 2AB selected it gives me the correct maximum value, but since it has the same maximum value as 2GB and 2GB comes before 2AB, my formula gives me the location of 2GB's maximum value of 157 instead of 158.

4	Α	В	С	D		E	F	
1	COLUMN I	D'S		2AB	<b>T</b>			
2	None		Max=	37.5				
3	3C		Location	157				
4	3B							
5	3A							

I am stumped. What formula can I use to give me the correct location of the maximum value even when there is another value with the same maximum value?