

“Does the Excel cell contain one of several values?”

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This inquiry refers to the ability of an Excel cell to contain any of multiple predetermined values. This feature allows for efficient and accurate data analysis by identifying whether the cell matches any of the specified values. It is particularly useful for organizing and categorizing data into distinct groups.

Excel: Check if Cell Contains One of Several Values

You can use the following formula to check if a cell in Excel contains one of several specific values:

```
=SUMPRODUCT(--  
ISNUMBER(SEARCH($E$2:$E$4,A2)))>0
```

This particular example checks if cell A2 contains any of the values in the range E2:E4.

If it does, then the formula returns TRUE.

Otherwise, the formula returns FALSE.

The following example shows how to use this formula in practice.

Example: Check if Cell Contains One of Several Values

Suppose we have the following dataset that contains information about points scored by various basketball players:

	A	B	C	D	E
1	Team	Points			
2	Mavs	24			
3	Spurs	33			
4	Rockets	39			
5	Kings	40			
6	Warriors	25			
7	Nets	20			
8	Lakers	24			
9	Thunder	18			
10	Blazers	14			
11	Jazz	16			
12					
13					
14					
15					
16					
17					

Suppose we would like to check if each cell in column A contains either the name Mavs, Jazz or Nets.

We can use the following formula to do so:

**=SUMPRODUCT(--
ISNUMBER(SEARCH(\$E\$2:\$E\$4,A2)))>0**

We'll type this formula into cell C2 and then click and drag it down to each remaining cell in column C:

C2 *fx* =SUMPRODUCT(--ISNUMBER(SEARCH(\$E\$2:\$E\$4,A2)))>0

	A	B	C	D	E	F
1	Team	Points	Contains Team of Interest		Teams of Interest	
2	Mavs	24	TRUE		Mavs	
3	Spurs	33	FALSE		Jazz	
4	Rockets	39	FALSE		Nets	
5	Kings	40	FALSE			
6	Warriors	25	FALSE			
7	Nets	20	TRUE			
8	Lakers	24	FALSE			
9	Thunder	18	FALSE			
10	Blazers	14	FALSE			
11	Jazz	16	TRUE			
12						
13						
14						
15						

If a cell in column A contains one of the three teams of interest, then the corresponding cell in column C returns TRUE.

Otherwise, the cell in column C returns FALSE.

If you would like to return values other than TRUE or FALSE, you can wrap the formula in an IF function:

=IF(SUMPRODUCT(--ISNUMBER(SEARCH(\$E\$2:\$E\$4,A2)))>0, "Yes", "No")

We'll type this formula into cell C2 and then click and

drag it down to every remaining cell in column C:

	A	B	C	D	E	F	G
1	Team	Points	Contains Team of Interest		Teams of Interest		
2	Mavs	24	Yes		Mavs		
3	Spurs	33	No		Jazz		
4	Rockets	39	No		Nets		
5	Kings	40	No				
6	Warriors	25	No				
7	Nets	20	Yes				
8	Lakers	24	No				
9	Thunder	18	No				
10	Blazers	14	No				
11	Jazz	16	Yes				
12							
13							
14							
15							
16							
17							

Each value in column C now returns "Yes" or "No" to indicate if the value in the corresponding cell in column A contains one of the three teams of interest.

The following tutorials explain how to perform other common tasks in Excel: