

Article: How to pass an Array as Criteria in Autofilter Date: 02/01/2012 Posted by: HeelpBook Staff Source: Link Permalink: Link

Excel - VBA - How to pass an Array as Criteria in Autofilter

The following figure shows the data available:

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	otal Price	ilability	Price	Name		Sno
	2300	100	23.00	Apple	1	
	1344	112	12.00	Orange	2	
	13800	345	40.00	Pear	3	
	2300	100	23.00	Apple	4	
	1344	112	12.00	Orange	5	
	13800	345	40.00	Pear	6	
	966	23	42.00	Banana	7	
	1666.5	33	50.50	Grape	8	
	37520.5					Total
	966 1666.5	345 23	40.00 42.00	Pear Banana	6 7	Total

If you need to filter say **Oranges** and **Apples** alone, you can either pass <u>both criteria</u> (Yes! I have avoided using - **Mutliple criteria**) or can try using an **Array** where you can pass multiple values:

```
Sub AutoFilter Using Arrays()
Dim oWS As Worksheet
On Error GoTo Err Filter
Dim arCriteria(0 To 1) As String
Set oWS = ActiveSheet
arCriteria(0) = "Apple"
arCriteria(1) = "Orange"
oWS.UsedRange.AutoFilter Field:=2, Criteria1:=arCriteria,
Operator:=xlFilterValues
Finally:
If Not oWS Is Nothing Then Set oWS = Nothing
Err Filter:
If Err <> 0 Then
MsgBox Err.Description
Err.Clear
GoTo Finally
End If
```

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End Sub

NOTE: If you leave out the **Operator** in **Excel VBA** *Autofilter* then <u>only last value of the **Array** will be displayed</u>.

You can also pass the values directly like:

```
WS.UsedRange.AutoFilter Field:=2, Criterial:=Array("Apples","Peaches","Grapes"),
Operator:=xlFilterValues
```

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