# How to Select Range from Active Cell Using VBA in Excel (3 Methods)

We're going to show you **3** methods in **Excel <u>VBA</u>** to **select range** from **active cell**. To demonstrate this, we've picked a dataset with **3 columns**: "**First Name**", "**Last Name**", and "**Email**". We'll select a **cell** and using **Excel VBA** we'll select the range from that **cell**.

	А	В	С	D
1				
2		Select Range	from Active Ce	ell Using VBA in Excel
3				_
4		First Name	Last Name	Email
5		Langsdon	Bonniface	lbonniface0@altervista.org
6		Blayne	Barus	bbarus1@google.com
7		Stanleigh	Culpin	sculpin2@discuz.net
8		Addy	Riddlesden	ariddlesden3@goo.gl
9		Kevyn	Kmiec	kkmiec4@hibu.com
10		Mirabel	Borton	mborton5@360.cn

**Download Practice Workbook** 

3 Ways to Select Range from Active Cell Using VBA in Excel

### $\bigcirc$

## 1 Excel VBA Select Range from Active Cell to the Last Non-Blank Cell

For the first method, we're going to use the **Range.End** property, Here, we'll input our code as a **Module**. To bring up the Module window, do these-

#### Steps:

• Firstly, from the **Developer** tab >>> select **Visual Basic**.

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The Visual Basic window will appear.

• Finally, from **Insert** >>> select **Module**.

This will bring up the **Module** window.

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#### 11 Using the End(XIUp) Property

In this section, we're going to select the **range upwards** up to the last **non-blank cell** from our **active cell**.

#### Steps:

- Firstly, bring up the **Module** window.{anchor}
- Secondly, **copy and paste** the following code.

Sub ToUp()

Range(ActiveCell, ActiveCell.End(xlUp)).Select Cell End Sub

We're calling our **Sub** as **ToUp**. It has no arguments. Then we're selecting our **range**. The first value is our **active cell**. The last value is **ActiveCell.End(xIUp)**. Finally, we're selecting the **range** with the **Range.Select** method.

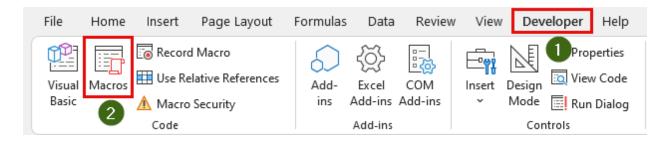
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- Thirdly, **Save** it and close the window.
- After that, select cell C6. This cell is our active cell.

	A B	С	D
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2	Usir	ng the End(XIU	p) Property
3			
4	First Name	Last Name	Email
5	Langsdon	Bonniface	lbonniface0@altervista.org
6	Blayne	Barus	bbarus1@google.com
7	Stanleigh	Culpin	sculpin2@discuz.net
8	Addy	Riddlesden	ariddlesden3@goo.gl
9	Kevyn	Kmiec	kkmiec4@hibu.com
10	Mirabel	Borton	mborton5@360.cn
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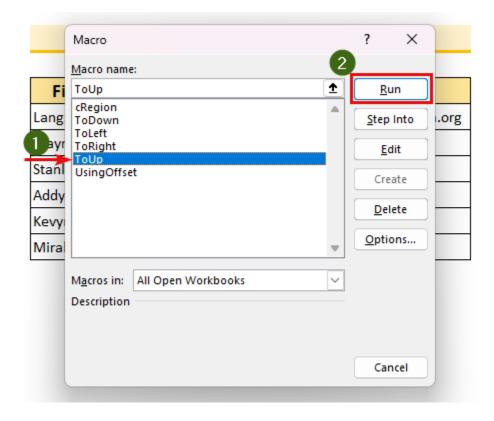
Now, we're going to bring up the Macro window. To do that-

• From the **Developer** tab >>> select **Macros**.



After that, the **Macro dialog box** will appear.

- Then, select "ToUp" from the "Macro name:".
- Finally, click on Run.



We can see that, we've **selected** the **cell range C4:C6**.

Α	В	С	D				
	Using the End(XIUp) Property						
	First Name	Last Name	Email				
	Langsdon	Bonniface	lbonniface0@altervista.org				
	Blayne	Barus	bbarus1@google.com				
	Stanleigh	Culpin	sculpin2@discuz.net				
	Addy	Riddlesden	ariddlesden3@goo.gl				
	Kevyn	Kmiec	kkmiec4@hibu.com				
1	Mirabel	Borton	mborton5@360.cn				

12 Incorporating the End(XIDown) Property

In this section, we're going to select the range downwards from our active cell.

#### Steps:

- Firstly, bring up the **Module** window. {anchor}
- Secondly, copy and paste the following code.

Sub ToDown()

Range(ActiveCell, ActiveCell.End(xlDown)).Select End Sub

We're calling our **Sub** as **ToDown**. Then we're selecting our **range**. The first value is our **active cell**. The last value is **ActiveCell.End(xIDown)**. Finally, we're selecting the **range** with the **Range.Select** method.

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- Thirdly, **Save** it and close the window.
- After that, select cell C6. This is our active cell.

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2		Using	g the End(XIDo	wn) Property	
3					
4		First Name	Last Name	Email	
5		Langsdon	Bonniface	lbonniface0@altervista.org	
6		Blayne	Barus	bbarus1@google.com	
7		Stanleigh	Culpin	sculpin2@discuz.net	
8		Addy	Riddlesden	ariddlesden3@goo.gl	
9		Kevyn	Kmiec	kkmiec4@hibu.com	
10		Mirabel	Borton	mborton5@360.cn	]

- Then, bring up the Macro dialog box. {anchor}

- Select "ToDown".
- Finally, click on **Run**.

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Thus, we've **selected** a **range** from our **active cell** using **Excel VBA**.

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	Using	the End(XIDov	wn) Property
	First Name	Last Name	Email
	Langsdon	Bonniface	lbonniface0@altervista.org
	Blayne	Barus	bbarus1@google.com
	Stanleigh	Culpin	sculpin2@discuz.net
	Addy	Riddlesden	ariddlesden3@goo.gl
	Kevyn	Kmiec	kkmiec4@hibu.com
	Mirabel	Borton	mborton5@360.cn

13 Applying the End(XIToLeft) Property

In this section, we're going to select the range to the left of our active cell.

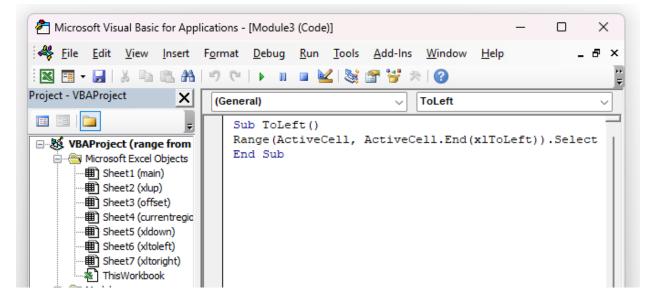
#### Steps:

- Firstly, bring up the **Module** window. {anchor}
- Secondly, **type** the following code.

Sub ToLeft()

```
Range(ActiveCell, ActiveCell.End(xlToLeft)).Select
End Sub
```

We're calling our **Sub Procedure** *ToLeft*. Then we're selecting our **range**. The first value is our **active cell**. The last value is **ActiveCell.End(xIToLeft)**. Finally, we're selecting the **range** with the **Range.Select** method.



- Thirdly, **Save** it and close the window.
- After that, select cell D7. This is our active cell.

	A B	С	D
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Ļ	First Name	Last Name	Email
5	Langsdon	Bonniface	lbonniface0@altervista.org
5	Blayne	Barus	bbarus1@google.com
7	Stanleigh	Culpin	sculpin2@discuz.net
3	Addy	Riddlesden	ariddlesden3@goo.gl
•	Kevyn	Kmiec	kkmiec4@hibu.com
0	Mirabel	Borton	mborton5@360.cn

- Then, bring up the Macro dialog box. {anchor}
- Select "ToLeft".
- Finally, click on **Run**.

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Thus, we've selected a range from our active cell using Excel VBA.

Α	В	С	D
	Using	the End(XIToL	eft) Property
	First Name	Last Name	Email
	Langsdon	Bonniface	lbonniface0@altervista.org
	Blayne	Barus	bbarus1@google.com
	Stanleigh	Culpin	sculpin2@discuz.net
	Addy	Riddlesden	ariddlesden3@goo.gl
	Kevyn	Kmiec	kkmiec4@hibu.com
	Mirabel	Borton	mborton5@360.cn

14 Implementing the End(XIToRight) Property

In this section, we're going to select the range to the right of our active cell.

#### Steps:

- Firstly, bring up the **Module** window. {anchor}
- Secondly, copy and paste the following code.

Sub ToLeft()

Range(ActiveCell, ActiveCell.End(xlToRight)).Select End Sub

We're calling our **Sub Procedure** *ToRight*. Then we're selecting our **range**. The first value is our **active cell**. The last value is **ActiveCell.End(xIToRight)**. Finally, we're selecting the **range** with the **Range**.**Select** method.

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- Thirdly, **Save** it and close the window.
- After that, select **cell C8**. This is our **active cell**.

Α	В	С	D
	Using	the End(XIToR	ight) Property
	First Name	Last Name	Email
La	ngsdon	Bonniface	lbonniface0@altervista.org
Bla	ayne	Barus	bbarus1@google.com
Sta	anleigh	Culpin	sculpin2@discuz.net
Ad	ldy	Riddlesden	ariddlesden3@goo.gl
Ke	vyn	Kmiec	kkmiec4@hibu.com
Mi	irabel	Borton	mborton5@360.cn

- Then, bring up the Macro dialog box. {anchor}
- Select "ToRight".
- Finally, click on **Run**.



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Thus, we've **selected** a **range** from our **active cell** using **Excel VBA**.

A	В	С	D	E
1				
2	Using	the End(XIToRi	ight) Property	
3				
4	First Name	Last Name	Email	
5	Langsdon	Bonniface	lbonniface0@altervista.org	
6	Blayne	Barus	bbarus1@google.com	
7	Stanleigh	Culpin	sculpin2@discuz.net	
8	Addy	Riddlesden	ariddlesden3@goo.gl	
9	Kevyn	Kmiec	kkmiec4@hibu.com	
10	Mirabel	Borton	mborton5@360.cn	

## 2 Using the VBA Range.Offset Property to Select Range from Active Cell Using VBA in Excel

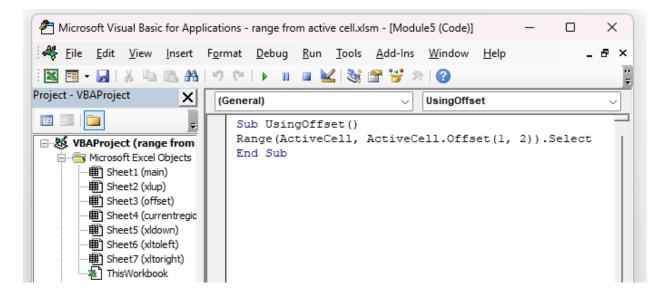
For the second method, we're going to use the <u>VBA Range.Offse</u> operty to select the **range** using our **active cell**.

#### Steps:

• Firstly, **copy and paste** the following code into the **Module** window. {anchor}

Sub UsingOffset() Range(ActiveCell, ActiveCell.Offset(1, 2)).Select End Sub

We've created ar **Sub Procedure** UsingOffset. Then we're selecting our **range**. The first value is our **active cell**. The last value is <u>ActiveCell.Offset</u>(). With the **Offset property** we're moving **1 row down** and **2 columns right**. Finally, we're selecting the **range** with the **Range.Select** method.



- Secondly, **Save** it and close the window.
- After that, select **cell B8**. This is our **active cell**.

A	В	С	D
	Usin	g the VBA Offs	et Property
	First Name	Last Name	Email
	Langsdon	Bonniface	lbonniface0@altervista.org
	Blayne	Barus	bbarus1@google.com
	Stanleigh	Culpin	sculpin2@discuz.net
	Addy	Riddlesden	ariddlesden3@goo.gl
	Kevyn	Kmiec	kkmiec4@hibu.com
	Mirabel	Borton	mborton5@360.cn

- Then, bring up the Macro dialog box. { hor}
  Select "UsingOffset".
- Finally, click on **Run**. •

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In conclusion, we've **selected** a **range** from the **active cell**. Moreover, this is what the final step should look like.

A	В	С	D
	Using	g the VBA Offs	et Property
	First Name	Last Name	Email
L	angsdon	Bonniface	lbonniface0@altervista.org
В	Blayne	Barus	bbarus1@google.com
S	tanleigh	Culpin	sculpin2@discuz.net
A	ddy	Riddlesden	ariddlesden3@goo.gl
к	(evyn	Kmiec	kkmiec4@hibu.com
N	/irabel	Borton	mborton5@360.cn

## 3 Select Range from Active Cell Using VBA in Excel by Utilizing the CurrentRegion Property

For the last method, we'll be using the **<u>Range.CurrentRegion</u>** property.

#### Steps:

• Firstly, type the following code into the Module window.

Sub cRegion() ActiveCell.CurrentRegion.Select End Sub

We're calling our **Sub Procedure cRegion**. Then we're selecting our **range**. With the **CurrentRegion** property, we're selecting the **range** up to a **blank cell**. Finally, we're selecting the **range** with the **Range.Select** method.

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- Secondly, **Save** it and go back to the **Excel** sheet.
- After that, select cell C10. This is our active cell.

A	В	С	D
	Usin	g CurrentRegio	on Property
Fi	rst Name	Last Name	Email
Lange	sdon	Bonniface	lbonniface0@altervista.org
Blayn	e	Barus	bbarus1@google.com
Stanl	eigh	Culpin	sculpin2@discuz.net
Addy		Riddlesden	ariddlesden3@goo.gl
Kevyr	า	Kmiec	kkmiec4@hibu.com
Miral	oel	Borton	mborton5@360.cn

- Then, bring up the Macro dialog box. {anchor
  Select "cRegion".
- Finally, click on Run.

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			Cancel	

Thus, we've **selected** the **range** up to a **blank cell**.

A	В	С	D
	Usiı	ng CurrentRegi	on Property
	First Name	Last Name	Email
	Langsdon	Bonniface	lbonniface0@altervista.org
	Blayne	Barus	bbarus1@google.com
	Stanleigh	Culpin	sculpin2@discuz.net
	Addy	Riddlesden	ariddlesden3@goo.gl
	Kevyn	Kmiec	kkmiec4@hibu.com
	Mirabel	Borton	mborton5@360.cn

## **Practice Section**

We've provided practice datasets for each method in the **Excel** file.

G	Н	I
Practice		
First Name	Last Name	Email
First Name		Email Ibonniface0@altervista.org

Riddlesden

Kmiec

Borton

### Conclusion

Addy Kevyn

Mirabel

We've shown you **3** methods of **Excel VBA select range** from **active cell**. If you face any problems understanding the steps, feel free to comment below. Thanks for reading, keep excelling  $\bigcirc$ 

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kkmiec4@hibu.com

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