

Client  
Gurugram  
Pathkind Diagnostics Pvt. Ltd.  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By  
Pathkind Diagnostics Pvt. Ltd.  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Mr. CO04	Billing Date	: 07/07/2023 12:20:37
Age	: 35 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Male	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100012714	Report Released on	: 14/07/2023 15:35:36
Accession No	: 10002304770	Barcode No.	: 10002304770-01
Referring Doctor	: Self	Ref no.	:
Referred By	:		

### Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
-----------	--------	--------------------------	------

### HAEMATOLOGY

#### # Activated Protein C Resistance (APCR)

Sample: Citrate Plasma

Method: Electromechanical Clot Detection

< OR = 120 suggests  
Activated Protein C Resistance

Parameter	Result	Units	Bio. Ref. Range
PCAT	96.20	Sec	
PCAT-O	74.40	Sec	
Ratio	1.29		
Normalised Ratio	0.41		0.69 - > 1.56
APC Factor V deficient PCAT	98.80	Sec	
APC Factor V deficient PCAT-O	72.30	Sec	
Ratio	1.24		
Normalised Ratio	0.56		0.86 - 1.10

#### Activated Protein C Resistance (APCR)

Test done on Fully Automated Coagulometer (Clotting)

Clinical Significance :



**Client**  
**Gurugram**  
Pathkind Diagnostics Pvt. Ltd.  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

**Processed By**  
**Pathkind Diagnostics Pvt. Ltd.**  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

<b>Name</b> : Mr. CO04	<b>Billing Date</b> : 07/07/2023 12:20:37
<b>Age</b> : 35 Yrs	<b>Sample Collected on</b> : 10/07/2023 10:01:31
<b>Sex</b> : Male	<b>Sample Received on</b> : 10/07/2023 11:02:13
<b>P. ID No.</b> : P1000100012714	<b>Report Released on</b> : 14/07/2023 15:35:36
<b>Accession No</b> : 10002304770	<b>Barcode No.</b> : 10002304770-01
<b>Referring Doctor</b> : Self	
<b>Referred By</b> :	<b>Ref no.</b> :

### Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
-----------	--------	--------------------------	------

1. Activated protein C resistance is a hemostatic disorder characterized by a poor anticogulant response to activated protein C (APC). It is the inability of protein C to cleave Factor Va and/or Factor VIIIa, which allows for longer duration of thrombin generation and may lead to a hypercoagulable state. This may be hereditary or acquired.
2. The ratio of the clot time in the presence of activated protein C (aPC) to the clot time in the absence of aPC is used to determine aPC resistance.
3. Certain interference factors may cause ration values which cannot clearly be attributed to a particular genotype, or may lead to clotting times that exceed the maximum admitted detection time of the instrument. In these cases, further investigation by PCR and the determination of individual factors are recommended.

False Negative :

1. Low levels of Factor V (<50%)
2. Thrombin inhibitors (hirudin, argatroban).

False Positive :

1. Aprotinin.
2. Protamine.

Note :

All borderline results should be confirmed by Factor V Leiden mutant detection test by PCR.

\*\* End of Report \*\*



**Dr. Aarti Khanna Nagpal**

DNB (Pathology)  
Senior Consultant

10002304770 Mr. CO04

Page No: 2 of 2

