

Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261 CIN : U85110UP2003PLC193493



Patient Name	: Mr.RAHUL SINGH - 90574	Registered On	: 18/Aug/2024 11:12:48
Age/Gender	: 36 Y 7 M 11 D /M	Collected	: 2024-08-18 11:27:37
UHID/MR NO	: ALDP.0000146697	Received	: 2024-08-18 11:27:37
Visit ID	: ALDP0174262425	Reported	: 18/Aug/2024 14:59:14
Ref Doctor	: Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD -	Status	: Final Report

DEPARTMENT OF CARDIOLOGY-ECG MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

ECG / EKG

1. Machnism, Rhythm	Sinus, Regular	
2. Atrial Rate	70	/mt
3. Ventricular Rate	70	/mt
4. P - Wave	Normal	
5. P R Interval	Normal	
6. Q R S Axis : R/S Ratio : Configuration :	Normal Normal Normal	
7. Q T c Interval	Normal	
8. S - T Segment	Normal	
9. T – Wave <u>FINAL IMPRESSION</u>	Normal	

ECG Within Normal Limits: Sinus Rhythm. Baseline wandering. Please correlate clinically.









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Patient Name	: Mr.RAHUL SINGH - 90574	Registered On	: 18/Aug/2024 11:12:42
Age/Gender	: 36 Y 7 M 11 D /M	Collected	: 18/Aug/2024 11:16:36
UHID/MR NO	: ALDP.0000146697	Received	: 18/Aug/2024 11:38:23
Visit ID	: ALDP0174262425	Reported	: 18/Aug/2024 13:36:43
Ref Doctor	: Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD -	Status	: Final Report

DEPARTMENT OF HAEMATOLOGY MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS					
Test Name	Result	Unit	Bio. Ref. Interval	Method	
Blood Group (ABO & Rh typing), Blood					
Blood Group	А			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA	
Rh (Anti-D)	POSITIVE			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE	
Complete Blood Count (CBC) , Whole Blood					
Haemoglobin	13.20	g/dl	1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/dl		
TLC (WBC) DLC	5,300.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE	
Polymorphs (Neutrophils)	71.00	%	40-80	ELECTRONIC IMPEDANCE	
Lymphocytes	23.00	%	20-40	ELECTRONIC IMPEDANCE	
Monocytes	5.00	%	2-10	ELECTRONIC IMPEDANCE	
Eosinophils	1.00	%	1-6	ELECTRONIC IMPEDANCE	
Basophils ESR	0.00	%	< 1-2	ELECTRONIC IMPEDANCE	
Observed	6.00	MM/1H	10-19 Yr 8.0 20-29 Yr 10.8 30-39 Yr 10.4 40-49 Yr 13.6 50-59 Yr 14.2 60-69 Yr 16.0 70-79 Yr 16.5 80-91 Yr 15.8 Pregnancy		

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DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
			Early gestation - 48 (62 if anaemic) Leter gestation - 70 (95 if anaemic)	
Corrected	-	Mm for 1st hr.	< 9	
PCV (HCT)	38.00	%	40-54	
Platelet count				
Platelet Count	1.60	LACS/cu mm	1.5-4.0	ELECTRONIC
		and the second		IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.30	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	and the sea	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.20	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	12.70	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count		1000		
RBC Count	3.90	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	99.10	fl	80-100	CALCULATED PARAMETER
MCH	33.70	pg	27-32	CALCULATED PARAMETER
MCHC	34.10	%	30-38	CALCULATED PARAMETER
RDW-CV	14.20	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	52.30	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	3,763.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	53.00	/cu mm	40-440	

AS

Dr.Akanksha Singh (MD Pathology)





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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Un	it Bio. Ref. Interv	val Method
GLUCOSE FASTING , <i>Plasma</i> Glucose Fasting	87.90	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD
Interpretation:		,		

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
c) I.G.T = Impaired Glucose Tolerance.

Glucose PP Sample:Plasma After Meal	94.60	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD
			>200 Diabetes	

Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.c) I.G.T = Impaired Glucose Tolerance.

GLYCOSYLATED HAEMOGLOBIN (HBA1C), EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	4.60	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	26.50	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	85	mg/dl	

Interpretation:

<u>NOTE</u>:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes mnagement.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy

180 9001:2018





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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name R	esult Unit	Bio. Ref. Interval	Method
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and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%)NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	Degree of Glucose Control Unit
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc. **Some danger of hypoglycemic reaction in Type 1 diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B.: Test carried out on Automated VARIANT II TURBO HPLC Analyser.

Clinical Implications:

*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

*With optimal control, the HbA 1c moves toward normal levels.

*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated *Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy

c. Alcohol toxicity d. Lead toxicity

*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

*Pregnancy d. chronic renal failure. Interfering Factors:

*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

BUN (Blood Urea Nitrogen)	8.55	mg/dL	7.0-23.0
Sample-Serum			

CALCULATED

Interpretation:

Note: Elevated BUN levels can be seen in the following:

High-protein diet, Dehydration, Aging, Certain medications, Burns, Gastrointestimal (GI) bleeding.

Low BUN levels can be seen in the following:

150 9001:2015



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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

	HEEL BANK OF E			
est Name	Result	l	Init Bio. Ref.	Interval Method
Low-protein diet, overhydration, Liver disease.				
reatinine ample:Serum	1.06	mg/dl	0.7-1.30	MODIFIED JAFFES
Interpretation:		2		
The significance of single creatinine value must				
mass will have a higher creatinine concentration				
absolute creatinine concentration. Serum creatir could be affected mildly and may result in anom				
lipemic.	alous values il serui	i sumples nu	ve neurophine unuo	oules, nemory zeu, recene or
and the second second				
Jric Acid	5.36	mg/dl	3.4-7.0	URICASE
ample:Serum			. d . l	
Interpretation:				
Note:-				
Elevated uric acid levels can be seen in the	following:			
Drugs, Diet (high-protein diet, alcohol), Chronie	c kidney disease, Hy	pertension, (Dbesity.	
		-		
FT (WITH GAMMA GT), Serum				
SGOT / Aspartate Aminotransferase (AST)	35.40	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	31.20	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	17.40	IU/L	11-50	OPTIMIZED SZAZING
Protein	6.24	gm/dl	6.2-8.0	BIURET
Albumin	4.34	gm/dl	3.4-5.4	B.C.G.
Globulin	1.90	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	2.28		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	90.00	U/L	42.0-165.0	PNP/AMP KINETIC
Bilirubin (Total)	0.97	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.30	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.67	mg/dl	< 0.8	JENDRASSIK & GROF
IPID PROFILE (MINI) , Serum				
Cholesterol (Total)	224.00	mg/dl	<200 Desirable 200-239 Borderl	CHOD-PAP ine High



> 240 High



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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
HDL Cholesterol (Good Cholesterol) LDL Cholesterol (Bad Cholesterol)	65.30 143	100- Opt 130	0 Optimal CAI .129 Nr. imal/Above Optimal .159 Borderline High	RECT ENZYMATIC LCULATED
VLDL Triglycerides	16.08 80.40	> 19 mg/dl 10-3 mg/dl < 15 150 200		LCULATED O-PAP

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Patient Name	: Mr.RAHUL SINGH - 90574	Registered On	: 18/Aug/2024 11:12:45
Age/Gender	: 36 Y 7 M 11 D /M	Collected	: 18/Aug/2024 16:40:57
UHID/MR NO	: ALDP.0000146697	Received	: 18/Aug/2024 17:34:12
Visit ID	: ALDP0174262425	Reported	: 18/Aug/2024 19:06:27
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DEPARTMENT OF CLINICAL PATHOLOGY

Test Name	Result	Unit	Bio. Ref. Interval	Method
RINE EXAMINATION, ROUTINE , υ	Irine			
Color	LIGHT YELLOW			
Specific Gravity	1.000			
Reaction PH	Acidic (6.0)			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	[′] mg %	< 10 Absent	DIPSTICK
			10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
Sugar	ADCENT	are -0/	> 500 (++++)	DIDCTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++)	DIPSTICK
			1-2 (+++)	
		and the second	>2 (++++)	
Ketone	ABSENT	mg/dl	0.1-3.0	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Bilirubin	ABSENT		and the second second	DIPSTICK
Leucocyte Esterase	ABSENT			DIPSTICK
Urobilinogen(1:20 dilution)	ABSENT			
Nitrite	ABSENT			DIPSTICK
Blood	ABSENT			DIPSTICK
Microscopic Examination:				
Epithelial cells	1-2/h.p.f			MICROSCOPIC
· · · ·	·			EXAMINATION
Pus cells	0-2/h.p.f			
RBCs	ABSENT			MICROSCOPIC
				EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC
	,45×			EXAMINATION
Others	ABSENT			

Urine Microscopy is done on centrifuged urine sediment.

STOOL, ROUTINE EXAMINATION, Stool

Color

BROWNISH

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DEPARTMENT OF CLINICAL PATHOLOGY MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Consistency	SEMI SOLID			
Reaction (PH)	Acidic (6.5)			
Mucus	ABSENT			
Blood	ABSENT			
Worm	ABSENT			
Pus cells	ABSENT			
RBCs	ABSENT	,		
Ova	ABSENT			
Cysts	ABSENT			
Others	ABSENT			

gms%

SUGAR, FASTING STAGE , Urine

Sugar, Fasting stage

Interpretation:

 $\begin{array}{c|c} (+) & < 0.5 \\ (++) & 0.5 \\ (++) & 1 \\ (+++) & 1 \\ (++++) & > 2 \end{array}$

SUGAR, PP STAGE, Urine

Sugar, PP Stage

ABSENT

ABSENT

Interpretation:

(+) < 0.5 gms% (++) 0.5-1.0 gms% (+++) 1-2 gms% (++++) > 2 gms%

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DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	
PSA (Prostate Specific Antigen), Total Sample:Serum	0.22	ng/mL	<4.1	CLIA	

Interpretation:

- 1. PSA is detected in the serum of males with normal, benign hypertrophic, and malignant prostate tissue.
- 2. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone⁻
- 3. PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range.
- 4. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor.
- 5. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

THYROID PROFILE - TOTAL , Serum

T3, Total (tri-iodothyronine)	153.00	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	6.40	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	1.700	µIU/mL	0.27 - 5.5	CLIA

Interpretation:

0.3-4.5	µIU/mL	First Trimest	er
0.5-4.6	µIU/mL	Second Trim	ester
0.8-5.2	µIU/mL	Third Trimes	ter
0.5-8.9	µIU/mL	Adults	55-87 Years
0.7-27	µIU/mL	Premature	28-36 Week
2.3-13.2	µIU/mL	Cord Blood	> 37Week
0.7-64	µIU/mL	Child(21 wk	- 20 Yrs.)
1-39	µIU/mL	Child	0-4 Days
1.7-9.1	µIU/mL	Child	2-20 Week

1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.







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Test Name	Result	Unit	Bio. Ref. Interval	Method

2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.

4) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.

5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.

6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.

7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.

8) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

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DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

X-RAY DIGITAL CHEST PA

<u>X-RAY REPORT</u> (300 mA COMPUTERISED UNIT SPOT FILM DEVICE) <u>CHEST P-A VIEW</u>

- Both lung field did not reveal any significant lesion.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Soft tissue shadow appears normal.
- Bony cage is normal.

Please correlare clinically.

Icrohilh

DR K N SINGH (MBBS, DMRE)

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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER)

LIVER: - Normal in size (12.3 cm), shape and echogenicity. No focal lesion is seen. No intra hepatic biliary radicle dilation is seen.

GALL BLADDER :- Well distended. Normal wall thickness is seen. No evidence of calculus/focal mass lesion/pericholecystic fluid is seen.

CBD :- Normal in calibre at porta.

PORTAL VEIN: - Normal in calibre and colour uptake at porta.

PANCREAS: - Head is visualised, normal in size & echopattern. No evidence of ductal dilatation or calcification is seen. Rest of the pancreas is obscured by bowel gases.

SPLEEN: - Normal in size (8.9 cm), shape and echogenicity. No evidence of mass lesion is seen.

RIGHT KIDNEY: - Normal in size (8.6 x 3.5 cm), shape and position. Cortical echogenicity is normal with maintained corticomedullary differentiation. No focal lesion or calculus is seen. Pelvicalyceal system is not dilated.

LEFT KIDNEY: - Normal in size (8.6 x 3.6 cm), shape and position. Cortical echogenicity is normal with maintained corticomedullary differentiation. No focal lesion or calculus is seen. Pelvicalyceal system is not dilated.

URINARY BLADDER :- Is adequately distended. No evidence of wall thickening/calculus is seen.

PROSTATE :- Normal in size (2.9 x 3.5 x 3.2 cm vol - 18.0), shape and echo pattern.

HIGH RESOLUTION :- No evidence of bowel loop dilatation or abnormal wall thickening is seen. No significant retroperitoneal lymphadenopathy is seen. No free fluid is seen in the abdomen/pelvis.

IMPRESSION : No significant abnormality seen.

Please correlate clinically

Dr. R K VERMA MBBS, PGDGM







Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261 CIN : U85110UP2003PLC193493



Patient Name	: Mr.RAHUL SINGH - 90574	Registered On	: 18/Aug/2024 11:12:50
Age/Gender	: 36 Y 7 M 11 D /M	Collected	: 2024-08-18 12:05:19
UHID/MR NO	: ALDP.0000146697	Received	: 2024-08-18 12:05:19
Visit ID	: ALDP0174262425	Reported	: 19/Aug/2024 12:28:34
Ref Doctor	: Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD -	Status	: Final Report

DEPARTMENT OF TMT

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Tread Mill Test (TMT)

NORMAL

*** End Of Report ***



This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days.

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing * 365 Days Open *Facilities Available at Select Location

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