U S E R   M A N U A L

1) Open Labtracker on your smartphone or tablet

2) Choose your lab test from the list

LabTracker	
🔍 Search	
Analyt	
ALAT (alanine aminotransferase)	
Albumin	
Aldosteron	
Alkaline phosphatase	
Amylase	
Androstenedione	
Anion Gap	
Antithrombin	
Apo A1	
Apolipoprotein B	
aPTT	
ASAT (aspartate aminotransferase)	
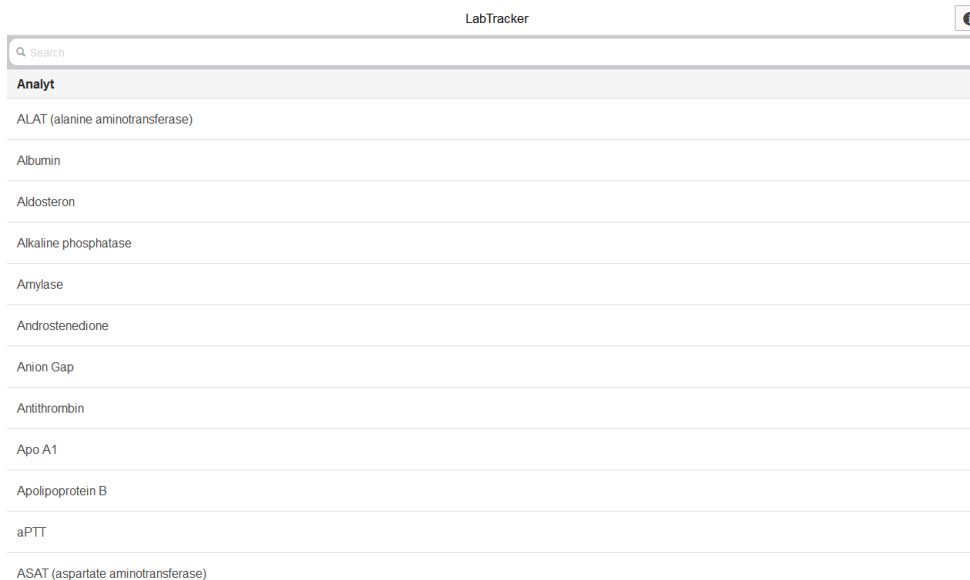
3) Choose the right body fluid/category

Body Fluid
← Back
Men, Plasma/Serum
Men, Urine (24h)
Urine (random)
Women, Plasma/Serum
Women, Urine (24h)

4) Enter the first lab result in the box "previous value"

← Back	Men, Plasma/Serum	
Reference: 60-115 µmol/L ❶		
Previous value: ❶		
enter value		
Recent value: ❶		
enter value		
Interval (days): ❶		
enter interval		
I expect a:		▾
Reset values		Calculate

Note: Reference values shown by Labtracker (top of the screen) are from Maastricht University Medical Center (MUMC+) in The Netherlands. Reference values are laboratory specific and can vary substantially across laboratories. Therefore, for all other laboratories, reference values shown by Labtracker are only indicative.

5) Enter the new lab result in the box "recent value"

← Back	Men, Plasma/Serum	
Reference: 60-115 µmol/L ❶		
Previous value: ❶		
enter value		
Recent value: ❶		
enter value		
Interval (days): ❶		
enter interval		
I expect a:		▾
Reset values		Calculate

Note: Calculations by Labtracker are based on the percentage change between serial measurements. Therefore, previous and recent values may also be entered when measured in other units than the reference values (mg/dL, mmol/L, etc…), provided that the previous and recent value are expressed in the same unit.

6) Define the time interval (in days) between the "previous" and the "recent" lab result.

←Back	Men, Plasma/Serum	⌂
Reference: 60-115 µmol/L ❶		

Previous value: ❶
enter value

Recent value: ❶
enter value

Interval (days): ❶
enter interval

I expect a: ▾

| Reset values | | Calculate |

7) For some parameters within-day intervals can be chosen. Enter 0 to set and choose the time of the first and second measurement

←Back	Blood	⌂
Reference: 0-2% ❶		

Previous value: ❶
1

Recent value: ❶
2

Interval (days): ❶
0

Select within-day interval

From: 8:30

To:13:30

I expect a: ▾

| Reset values | | Calculate |

8) Indicate your "a priori" expectation for his patient: an increase (rise), a decrease (fall), or no prior expectation (either). The default option is "no prior expectation" (either).

←Back	Men, Plasma/Serum	⌂
Reference: 60-115 µmol/L ❶		

Previous value: ❶
enter value

Recent value: ❶
enter value

Interval (days): ❶
enter interval

I expect a: ▾

Reset values		Rise
		Fall
		Either

9) Press "Calculate".

Labtracker now calculates the probability of a "true" change between the two serial laboratory results, using biological variation data from scientific literature, and analytical precision that is achieved in contemporary, state-of-the-art laboratories. Labtracker takes into account the timespan between the two laboratory measurements, provided this information could be derived from published literature.