# BAC Tracker

*How to Generate . . .*

Retrograde Alcohol Extrapolation Reports
(Type I)

**BAC** TRACKER
International, Inc.

# From the Dashboard, create a new case or open an existing case.

**BAC** TRACKER
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## Application
🏠 Dashboard / 📄 All Cases

**Shortcuts**

[+ New case]

| Customize your report details | Looking for a good start? | Any questions or need additional support? |
|---|---|---|
| **Set report preferences** | **Search tutorials** | **Contact us** |

**All Cases** [0]

Search cases 🔍

### Home

📄 New case

📁 Cases

⚙ Report preferences

### Account

👤 Account Info

License: Annual
Next billing date: 12/11/2023

### Support

◎ Tutorials

✉ Contact Us

↪ Log Out

## Empty list!

You have no cases at this moment

[+ New case]

# Ensure all required information is entered for the Case. When finished, click "Save case" to select which type of Alcohol Extrapolation Report to generate.

**New case**

ⓘ To create a new case, please fill all the following required fields

## Agency

| 05/29/2023 | Organization Name | Reference ID |

## Subject

Full name

◉ Male  ○ Female

Age (years)  Height (in)  Weight (lb)

## Elimination Rate

ⓘ Elimination range [g/dl/hr]

Low range:  High range:

0.01  0.025

⤓ **Save case**

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# Select "Retrograde Report"

## Alcohol Extrapolation Reports

### Anterograde Report

→ Create

Use this report to calculate the BAC when an analytically determined BAC is unknown, but information pertaining to what the individual consumed, how much was consumed, and when the individual consumed each drink are known.

### Retrograde Report

(Type I or Type II)

→ Create

Use this report to calculate the BAC at a time prior to the known analytically determined BAC, but information pertaining to what the individual consumed, how much was consumed, and when the individual consumed each drink are unknown.
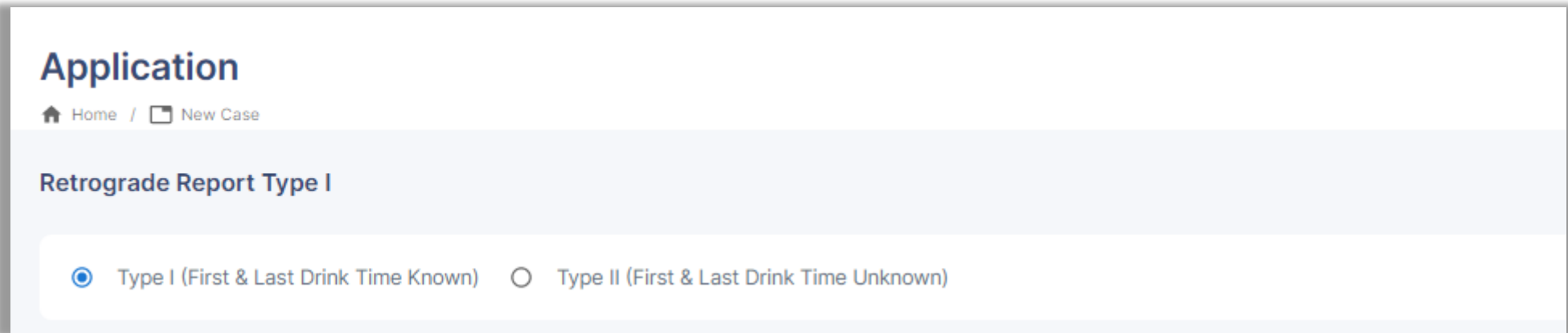
### Quantification Report

→ Create

Use this report to calculate the quantity of alcohol consumed based on a known BAC and approximate timeframes of drinking.

4

Select which Type of Retrograde Report to generate (Type I or Type II). If the Time of First Drink and Time of Last Drink are known, generate a Type I Report. If the Time of First Drink and Time of Last Drink are not known, generate a Type II Report. Once selected, the relevant data entry fields will appear below the Type Selection section of the screen.

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# Select which volume distribution formulae to include on the report.
# Select "All Formulae" to select all.

## Retrograde Report Type I

⦿ Type I (First & Last Drink Time Known)  ○ Type II (First & Last Drink Time Unknown)

### Formula
ℹ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

☑ All Formulae  ☑ Widmark  ☑ Watson  ☑ Forrest  ☑ Seidl  ☑ Ulrich  ☑ Average

### Variation
ℹ Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

☑ Isolated  ☐ With absorption rate uncertainty  ☐ With elimination rate uncertainty  ☐ With both absorption and elimination

### Report Data
ℹ Enter the "Time of Known BAC," "Time of Interest," "Time of First Drink," and "Time of Last Drink" ("Hr." based on a 24hr format and "Min." between 0 and 59) and "Known BAC" value (e.g. "0.02").

Time of Known BAC [Hours] [Minutes]  Time of Interest [Hours] [Minutes]  Time of First Drink [Hours] [Minutes]  Time of Last Drink [Hours] [Minutes]  BAC [BAC]

[View only]  [Save & Open]

# Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

**Retrograde Report Type I**

○ Type I (First & Last Drink Time Known)   ○ Type II (First & Last Drink Time Unknown)

**Formula**

ⓘ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

☑ All Formulae   ☑ Widmark   ☑ Watson   ☑ Forrest   ☑ Seidl   ☑ Ulrich   ☑ Average

**Variation**

ⓘ Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

☑ Isolated   ☐ With absorption rate uncertainty   ☐ With elimination rate uncertainty   ☐ With both absorption and elimination

**Report Data**

ⓘ Enter the "Time of Known BAC," "Time of Interest," "Time of First Drink," and "Time of Last Drink" ("Hr." based on a 24hr format and "Min." between 0 and 59) and "Known BAC" value (e.g. "0.02").

Time of Known BAC [Hours] [Minutes]   Time of Interest [Hours] [Minutes]   Time of First Drink [Hours] [Minutes]   Time of Last Drink [Hours] [Minutes]   BAC [BAC]

[ View only ]   [ Save & Open ]

# "Isolated" uses the average absorption and elimination rates.

## Retrograde Report Type I

○ Type I (First & Last Drink Time Known)   ○ Type II (First & Last Drink Time Unknown)

### Formula

ⓘ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

☑ All Formulae   ☑ Widmark   ☑ Watson   ☑ Forrest   ☑ Seidl   ☑ Ulrich   ☑ Average

### Variation

ⓘ Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

☑ Isolated   ☐ With absorption rate uncertainty   ☐ With elimination rate uncertainty   ☐ With both absorption and elimination

### Report Data

ⓘ Enter the "Time of Known BAC," "Time of Interest," "Time of First Drink," and "Time of Last Drink" ("Hr." based on a 24hr format and "Min." between 0 and 59) and "Known BAC" value (e.g. "0.02").

| Time of Known BAC | Hours | Minutes | Time of Interest | Hours | Minutes | Time of First Drink | Hours | Minutes | Time of Last Drink | Hours | Minutes | BAC | BAC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

View only   **Save & Open**

8

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**"With absorption rate uncertainty" calculates a range of BAC values using both absorption rates entered for each drink and the average rate of elimination.**

### Retrograde Report Type I

○ Type I (First & Last Drink Time Known)   ○ Type II (First & Last Drink Time Unknown)

### Formula
ⓘ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

☑ All Formulae  ☑ Widmark  ☑ Watson  ☑ Forrest  ☑ Seidl  ☑ Ulrich  ☑ Average

### Variation
ⓘ Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

☑ Isolated  ☐ With absorption rate uncertainty  ☐ With elimination rate uncertainty  ☐ With both absorption and elimination

### Report Data
ⓘ Enter the "Time of Known BAC," "Time of Interest," "Time of First Drink," and "Time of Last Drink" ("Hr." based on a 24hr format and "Min." between 0 and 59) and "Known BAC" value (e.g. "0.02").

Time of Known BAC [Hours] [Minutes]   Time of Interest [Hours] [Minutes]   Time of First Drink [Hours] [Minutes]   Time of Last Drink [Hours] [Minutes]   BAC [BAC]

[View only]  [Save & Open]

**BAC TRACKER International, Inc.**

"With elimination rate uncertainty" calculates a range of BAC values using the average absorption rate entered for each drink and both rates of elimination.

## Retrograde Report Type I

○ ● Type I (First & Last Drink Time Known)    ○ Type II (First & Last Drink Time Unknown)

### Formula

ⓘ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

☑ All Formulae   ☑ Widmark   ☑ Watson   ☑ Forrest   ☑ Seidl   ☑ Ulrich   ☑ Average

### Variation

ⓘ Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

☑ Isolated   ☐ With absorption rate uncertainty   ☐ With elimination rate uncertainty   ☐ With both absorption and elimination

### Report Data

ⓘ Enter the "Time of Known BAC," "Time of Interest," "Time of First Drink," and "Time of Last Drink" ("Hr." based on a 24hr format and "Min." between 0 and 59) and "Known BAC" value (e.g. "0.02").

Time of Known BAC [Hours] [Minutes]   Time of Interest [Hours] [Minutes]   Time of First Drink [Hours] [Minutes]   Time of Last Drink [Hours] [Minutes]   BAC [BAC]

[View only]   [Save & Open]

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"With both absorption and elimination" calculates a range of BAC values using both absorption rates entered for each drink and both rates of elimination.

### Retrograde Report Type I

◉ Type I (First & Last Drink Time Known)  ○ Type II (First & Last Drink Time Unknown)

**Formula**

ⓘ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

☑ All Formulae  ☑ Widmark  ☑ Watson  ☑ Forrest  ☑ Seidl  ☑ Ulrich  ☑ Average

**Variation**

ⓘ Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

☑ Isolated  ☐ With absorption rate uncertainty  ☐ With elimination rate uncertainty  ☐ With both absorption and elimination

**Report Data**

ⓘ Enter the "Time of Known BAC," "Time of Interest," "Time of First Drink," and "Time of Last Drink" ("Hr." based on a 24hr format and "Min." between 0 and 59) and "Known BAC" value (e.g. "0.02").

Time of Known BAC [Hours] [Minutes]  Time of Interest [Hours] [Minutes]  Time of First Drink [Hours] [Minutes]  Time of Last Drink [Hours] [Minutes]  BAC [BAC]

[View only]  [Save & Open]

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# Enter the "Time of Known BAC," "Time of Interest," "Time of First Drink," "Time of Last Drink", and Known "BAC" value. ("Hr." based on a 24hr format and "Min." between 0 and 59). BAC value is g/dl (e.g. "0.02").

## Retrograde Report Type I

○ Type I (First & Last Drink Time Known)    ○ Type II (First & Last Drink Time Unknown)

### Formula
ⓘ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

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Time of Known BAC [Hours] [Minutes]  Time of Interest [Hours] [Minutes]  Time of First Drink [Hours] [Minutes]  Time of Last Drink [Hours] [Minutes]  BAC [BAC]

[View only]  [Save & Open]

Once all required fields are entered, click "Save & Open" (to save a copy of the report in the Case file) or "View Only" (to view the report in a new browser window without saving to the Case file).

## Retrograde Report Type I

◉ Type I (First & Last Drink Time Known)    ○ Type II (First & Last Drink Time Unknown)

### Formula

ⓘ Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

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| Time of Known BAC | Hours | Minutes | Time of Interest | Hours | Minutes | Time of First Drink | Hours | Minutes | Time of Last Drink | Hours | Minutes | BAC | BAC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

[ View only ]  [ **Save & Open** ]

Visit us online for additional support

https://www.bac-tracker.com/support