

# Fasted Bleed HAS\_FST\_001

## Parameters and Metadata

**Sodium** HAS\_FST\_001\_001 | v1.1

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: mmol/l

Description: sodium

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**Potassium** HAS\_FST\_002\_001 | v1.1

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: mmol/l

Description: potassium

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**Chloride** HAS\_FST\_003\_001 | v1.1

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

**Unit Measured:** mmol/l

**Description:** chloride

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**Urea** HAS\_FST\_004\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** mmol/l

**Description:** urea

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**Creatinine** HAS\_FST\_005\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** umol/l

**Description:** creatinine\_enzymatic\_method\_preferred\_

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**Total protein** HAS\_FST\_006\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** g/l

**Description:** total\_protein

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**Albumin** HAS\_FST\_007\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** g/l

**Description:** albumin

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**Total bilirubin** HAS\_FST\_008\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** umol/l

**Description:** total\_bilirubin

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**Calcium** HAS\_FST\_009\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** mmol/l

**Description:** calcium

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## **Inorganic phosphate** HAS\_FST\_010\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** mmol/l

**Description:** phosphorus

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## **Iron** HAS\_FST\_011\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** umol/l

**Description:** iron

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## **Aspartate aminotransferase** HAS\_FST\_012\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** U/l

**Description:** aspartate\_aminotransferase

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## Alanine aminotransferase HAS\_FST\_013\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** U/l

**Description:** alanine\_aminotransferase

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## Alkaline phosphatase HAS\_FST\_014\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** U/l

**Description:** alkaline\_phosphatase

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## Total cholesterol HAS\_FST\_015\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** mmol/l

**Description:** total\_cholesterol

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## **HDL-cholesterol** HAS\_FST\_016\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** mmol/l

**Description:** hdl\_cholesterol

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## **Triglycerides** HAS\_FST\_017\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** mmol/l

**Description:** triglycerides

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## **Glucose** HAS\_FST\_018\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** mmol/l

**Description:** glucose

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## LIH (Hemolysis Severity - available on AU analysers) HAS\_F

ST\_019\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** lih\_hemolysis\_severity\_available\_on\_au\_analysers\_

**Options:** N, /, +, ++, +++, +++++, ++++++, ABN,

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## Fructosamine HAS\_FST\_020\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** umol/l

**Description:** fructosamine

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**Lipase** HAS\_FST\_021\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: U/l

Description: lipase

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**Lactate dehydrogenase** HAS\_FST\_022\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: U/l

Description: lactate\_dehydrogenase

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**Alpha-amylase** HAS\_FST\_023\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: U/l

Description: alpha\_amylase

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**UIBC (unsaturated iron binding capacity)** HAS\_FST\_024\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: umol/l

Description: uibc\_unsaturated\_iron\_binding\_capacity\_

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**LDL-cholesterol** HAS\_FST\_025\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: mmol/l

Description: ldl\_cholesterol

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**Free fatty acids** HAS\_FST\_026\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: mmol/l

Description: free\_fatty\_acids

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## Glycerol HAS\_FST\_027\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: umol/l

Description: glycerol

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## Creatine kinase HAS\_FST\_028\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: U/l

Description: creatine\_kinase

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## Uric acid HAS\_FST\_029\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: umol/l

Description: uric\_acid

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## Ferritin HAS\_FST\_030\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: mg/ml

Description: ferritin

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## Transferrin HAS\_FST\_031\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: mg/dl

Description: transferrin

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## C-reactive protein HAS\_FST\_032\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: mg/l

Description: c\_reactive\_protein

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## Date of procedure HAS\_FST\_033\_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: Date/time

Description: date\_and\_time\_of\_blood\_collection

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## Equipment ID HAS\_FST\_034\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: equipment\_name

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## Equipment manufacturer HAS\_FST\_035\_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: equipment\_manufacturer

Options: Cobas, Olympus Diagnostics, Beckman Coulter, Hitachi, JEOL (Siemens), Roche,

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## Equipment model HAS\_FST\_036\_001 | v1.0

procedureMetadata

**Req. Analysis:** true

**Req. Upload:** true

**Is Annotated:** false

**Description:** equipment\_model

**Options:** Integra 400 Plus, AU 400, AU 480, 7020, JCA-BM2250 (Advia 2400), Hitachi 917, AU680,

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## Anesthesia used for blood collection HAS\_FST\_037\_001 | v1.0

procedureMetadata

**Req. Analysis:** true

**Req. Upload:** true

**Is Annotated:** false

**Description:** anesthesia\_used\_for\_blood\_collection

**Options:** Gas anaesthesia with Isoflurane,  
Injection narcosis with Ketamine (100mg/kg)/Xylazine (10mg/kg),  
Injection narcosis with Ketamine(100mg/kg)/ Xylazine (10mg/kg )/Antipamezole (Antisedan, 1mg/kg),  
Injection narcosis with Ketamine (110mg/kg)/Xylazine (11mg/kg),  
Injection narcosis with Ketamine (110mg/kg)/Xylazine (11mg/kg)/ Antipamezole (Antisedan, 1mg/kg),  
Injection narcosis with Tribromoethanol (Avertin),  
Injection narcosis with Sodium Pentobarbital (Pentobarb, 0.1ml),  
Injection narcosis with Sodium Pentobarbital (Euthatal), No,

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# Method of blood collection HAS\_FST\_038\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: true                      Is Annotated: false

Description: method\_of\_blood\_collection

Options: Cardiac puncture, Retro-orbital puncture, Heart puncture, Jugular vein, Tail vein,

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# Anticoagulant HAS\_FST\_039\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: true                      Is Annotated: false

Description: anticoagulant

Options: No, Lithium Heparin, Sodium Heparin, Heparin,

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# Samples kept on ice between collection and analysis HAS\_FST\_040\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: true                      Is Annotated: false

Description: samples\_kept\_on\_ice\_between\_collection\_and\_analysis

Options: Yes, No,

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**Sample status** HAS\_FST\_041\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: true                      Is Annotated: false

Description: sample\_status

Options: Fresh, Frozen,

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**Plasma dilution** HAS\_FST\_042\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: true                      Is Annotated: false

Description: plasma\_dilution

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**Diluent** HAS\_FST\_043\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: true                      Is Annotated: false

Options: None, PBS, Saline, Water,

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**Date of analysis** HAS\_FST\_044\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: true                      Is Annotated: false

Unit Measured: Date

Description: date\_of\_measurement

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**Blood collection PIL number** HAS\_FST\_045\_001 | v1.0

procedureMetadata

Req. Analysis: false                      Req. Upload: true                      Is Annotated: false

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**Blood analysis experimenter ID** HAS\_FST\_046\_001 | v1.0

procedureMetadata

Req. Analysis: false                      Req. Upload: true                      Is Annotated: false

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**Date equipment last calibrated** HAS\_FST\_047\_001 | v1.0

procedureMetadata

Req. Analysis: false                      Req. Upload: false                      Is Annotated: false

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**Blood collection tubes** HAS\_FST\_048\_001 | v1.0

procedureMetadata

Req. Analysis: true                      Req. Upload: false                      Is Annotated: false

**General comments** HAS\_FST\_049\_001 | v1.1

simpleParameter

Req. Analysis: false                      Req. Upload: false                      Is Annotated: false

Description: general\_comments\_about\_the\_mouse

**Length of fast** HAS\_FST\_050\_001 | v1.0

simpleParameter

Req. Analysis: true                      Req. Upload: false                      Is Annotated: false

Unit Measured: Hours

**Barcode** HAS\_FST\_051\_001 | v1.0

simpleParameter

Req. Analysis: false                      Req. Upload: false                      Is Annotated: false

**Procedural comments** HAS\_FST\_052\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Body weight** HAS\_FST\_053\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: g

Description: body\_weight

**Ketone bodies** HAS\_FST\_054\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: mmol/l