

# ALTERNATIVE - Hematology ALTIMPC\_HEM\_002

## Parameters and Metadata

### ALTERNATIVE - White blood cell count ALTIMPC\_HEM\_001\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured:  $10^3/\text{ul}$

Description: ALTERNATIVE - white\_blood\_cell\_count

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### ALTERNATIVE - Red blood cell count ALTIMPC\_HEM\_002\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured:  $10^6/\text{ul}$

Description: ALTERNATIVE - red\_blood\_cell\_count

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### ALTERNATIVE - Hemoglobin ALTIMPC\_HEM\_003\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: g/dl

Description: ALTERNATIVE - hemoglobin

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## ALTERNATIVE - Hematocrit ALTIMPC\_HEM\_004\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - hematocrit

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## ALTERNATIVE - Mean cell volume ALTIMPC\_HEM\_005\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: fL

Description: ALTERNATIVE - mean\_cell\_volume

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## ALTERNATIVE - Mean corpuscular hemoglobin ALTIMPC\_HEM

\_006\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: pg

Description: ALTERNATIVE - mean\_corpuscular\_hemoglobin

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## ALTERNATIVE - Mean cell hemoglobin concentration ALTIM

PC\_HEM\_007\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: g/dl

Description: ALTERNATIVE - mean\_cell\_hemoglobin\_concentration

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## ALTERNATIVE - Platelet count ALTIMPC\_HEM\_008\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured:  $10^3/\text{ul}$

Description: ALTERNATIVE - platelet\_count

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## ALTERNATIVE - Equipment ID

ALTIMPC\_HEM\_009\_001 | v1.1

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - equipment\_name

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## ALTERNATIVE - Equipment manufacturer

ALTIMPC\_HEM\_010\_0

01 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - equipment\_manufacturer

Options: Scil animal care company Gmbh, Drew Scientific Instrument, Beckman Coulter, Siemens Medical Solutions Diagnostics, Siemens Healthcare Diagnostics Ltd, Sysmex Deutschland GmbH, Abbot Laboratories, Mindray, IDEXX,

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## ALTERNATIVE - Equipment model

ALTIMPC\_HEM\_011\_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - equipment\_model

**Options:** Advia 120, Advia 2120, Scil Vet abc, Hemavet 950 FS, Ac-T diff Analyzer, XT-2000iV, CELL-DYN 3700, Scil Vet abc Plus+, BC-5300 Vet, ProCyte Dx, Advia 2120i,

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## **ALTERNATIVE - Anesthesia used for blood collection** ALTI

MPC\_HEM\_012\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** true

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - 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),  
No anesthesia, Injection narcosis with Ketamine (137mg/kg)/Xylazine (6.6mg/kg),  
Injection narcosis with Tribromoethanol (Avertin),

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## **ALTERNATIVE - Method of blood collection** ALTIMPC\_HEM\_013

\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** true

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - method\_of\_blood\_collection

**Options:** Cardiac puncture, Retro-orbital puncture, Tail vein, Saphenous vein,

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## **ALTERNATIVE - Anticoagulant** ALTIMPC\_HEM\_014\_001 | v1.1

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - anticoagulant

**Options:** EDTA, K(1)-EDTA, K(2)-EDTA, K(3)-EDTA, No,

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## **ALTERNATIVE - Samples kept on ice between collection and analysis** ALTIMPC\_HEM\_018\_001 | v1.2

procedureMetadata

**Req. Analysis:** true

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - samples\_kept\_on\_ice\_between\_collection\_and\_analysis\_

**Options:** Yes, No,

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## **ALTERNATIVE - ID for blood collection SOP** ALTIMPC\_HEM\_020\_001 | v1.1

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - id\_for\_blood\_collection\_sop

**Options:** ESLIM\_024\_001, sop.inv.019, RIKENMPP\_003a\_003, PHENO\_CBC, sop.inv.063, CCP-Hemo\_SOP,

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## **ALTERNATIVE - Date and time of blood collection** ALTIMPC\_

HEM\_021\_001 | v1.2

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - date\_and\_time\_of\_blood\_collection

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## **ALTERNATIVE - Chip card number** ALTIMPC\_HEM\_023\_001 | v1.1

procedureMetadata

**Req. Analysis:** true

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - chip\_card\_number

**Options:** C57/BL6 chip card, Mouse Card (E0510051710), Mouse Card (E0401091230), No chip card, No chip card (Advia analyser),

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## **ALTERNATIVE - Blood collection experimenter ID** ALTIMPC\_

HEM\_024\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE -

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**ALTERNATIVE - Date equipment last calibrated** ALTIMPC\_HEM\_025\_001 | v1.2  
procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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**ALTERNATIVE - Storage temperature from blood collection until measurement** ALTIMPC\_HEM\_026\_001 | v1.3  
procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: C

Description: ALTERNATIVE - null

Options: 22, 4, 25, 18-22, 23,

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## ALTERNATIVE - Blood collection tubes ALTIMPC\_HEM\_015\_001 |

v1.2

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Kabe Labortechnik 200ul EDTA, Kabe Labortechnik 1ml EDTA,  
Drummond EDTA Microcaps, Microvette 500 K3E, Eppendorf 1.7ml,

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## ALTERNATIVE - Date and time of sacrifice ALTIMPC\_HEM\_016\_0

01 | v1.3

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## ALTERNATIVE - Blood analysis experimenter ID ALTIMPC\_HE

M\_017\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - Mean platelet volume** ALTIMPC\_HEM\_019\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: fL

Description: ALTERNATIVE -

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## **ALTERNATIVE - Red blood cell distribution width** ALTIMPC\_HEM\_027\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Fight wounds** ALTIMPC\_HEM\_028\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Yes, No,

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## ALTERNATIVE - Neutrophil differential count ALTIMPC\_HEM\_0

29\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

### Description:

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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## ALTERNATIVE - Neutrophil cell count ALTIMPC\_HEM\_030\_001 | v1

.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured:  $10^3/\text{ul}$

### Description:

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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## ALTERNATIVE - Lymphocyte differential count ALTIMPC\_HEM

\_031\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

### Description:

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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## ALTERNATIVE - Lymphocyte cell count ALTIMPC\_HEM\_032\_001 |

v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured:  $10^3/uI$

### Description:

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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## **ALTERNATIVE - Monocyte differential count** ALTIMPC\_HEM\_03

3\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

### **Description:**

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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## **ALTERNATIVE - Monocyte cell count** ALTIMPC\_HEM\_034\_001 | v1.

3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured:  $10^3/\text{ul}$

### **Description:**

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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## **ALTERNATIVE - Eosinophil differential count** ALTIMPC\_HEM\_0

35\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

**Description:**

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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**ALTERNATIVE - Eosinophil cell count** ALTIMPC\_HEM\_036\_001 | v1  
.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: 10<sup>3</sup>/ul

**Description:**

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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**ALTERNATIVE - Basophil cell count** ALTIMPC\_HEM\_037\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Unit Measured:** 10<sup>3</sup>/ul

**Description:**

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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**ALTERNATIVE - Basophil differential count** ALTIMPC\_HEM\_038\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** %

**Description:**

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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**ALTERNATIVE - Large Unstained Cell (LUC) count** ALTIMPC\_HEM\_039\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** 10<sup>3</sup>/ul

**Description:**

ALTERNATIVE - A white blood cell (WBC) count measures the number of white blood cells in your blood. A WBC differential determines the percentage of each type of white blood cell present in your blood. A differential can also detect immature white blood cells or any abnormalities, both of which are signs of a potential problem.

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**ALTERNATIVE - Large Unstained Cell (LUC) differential count** ALTIMPC\_HEM\_040\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Sample clotted** ALTIMPC\_HEM\_041\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Yes, No,

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## **ALTERNATIVE - Service-related calibration start date** ALTIM

PC\_HEM\_042\_001 | v1.0

procedureMetadata

**Req. Analysis:** true

**Req. Upload:** false

**Is Annotated:** false

### **Description:**

ALTERNATIVE - Harwell-required metadata parameter (req analysis) due to ADVIA analyser causing shift in data.

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## **ALTERNATIVE - LIH (Hemolysis Severity - available on AU analysers)** ALTIMPC\_HEM\_043\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

### **Description:**

ALTERNATIVE - Copied from the same parameter in Clinical Blood Chemistry, as the same blood samples are used for both procedures, and the level of hemolysis has an effect on the results of hematology as well as CBC

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