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/ul

Description: ALTERNATIVE - white_blood_cell_count

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/ul

Description: ALTERNATIVE - red_blood_cell_count

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

ALTERNATIVE - Hematocrit ALTIMPC_HEM_004_001 | v1.0

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - hematocrit

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

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

ALTERNATIVE - Mean cell hemoglobin concentration ALTIMPC_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/ul

Description: ALTERNATIVE - platelet_count

ALTERNATIVE - Equipment ID ALTIMPC_HEM_009_001 | v1.1

procedureMetadata

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

Description: ALTERNATIVE - equipment_name

ALTERNATIVE - Equipment manufacturer ALTIMPC_HEM_010_001 | 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, XN-10, Sysmex XN-1000V,

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ALTERNATIVE - Anesthesia used for blood collection ALTIMPC_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 Isofluorane,
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),

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,

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,

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

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 -

ALTERNATIVE - Date equipment last calibrated ALTIMPC_HEM_025_001 | v1.2

procedureMetadata

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

Description: ALTERNATIVE -

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,

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_001 | v1.3

procedureMetadata

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

Description: ALTERNATIVE -

ALTERNATIVE - Blood analysis experimenter ID ALTIMPC_HEM_017_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

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 -

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 -

ALTERNATIVE - Fight wounds ALTIMPC_HEM_028_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: Yes, No,

ALTERNATIVE - Neutrophil differential count ALTIMPC_HEM_029_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.

ALTERNATIVE - Neutrophil cell count ALTIMPC_HEM_030_001 | v1.3

simpleParameter

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

Unit Measured: 10^3/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.

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.

ALTERNATIVE - Lymphocyte cell count ALTIMPC_HEM_032_001 | v1.3

simpleParameter

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

Unit Measured: 10^3/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.

ALTERNATIVE - Monocyte differential count ALTIMPC_HEM_033_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.

ALTERNATIVE - Monocyte cell count ALTIMPC_HEM_034_001 | v1.3

simpleParameter

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

Unit Measured: 10^3/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.

ALTERNATIVE - Eosinophil differential count ALTIMPC_HEM_035_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.

ALTERNATIVE - Eosinophil cell count ALTIMPC_HEM_036_001 | v1.3

simpleParameter

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

Unit Measured: 10^3/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.

ALTERNATIVE - Basophil cell count ALTIMPC_HEM_037_001 | v1.1

simpleParameter

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

Unit Measured: 10^3/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.

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.

ALTERNATIVE - Large Unstained Cell (LUC) count ALTIMPC_HEM_039_001 | v1.0

simpleParameter

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

Unit Measured: 10^3/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.

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 -

ALTERNATIVE - Sample clotted ALTIMPC_HEM_041_001 | v1.1

simpleParameter

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

Description: ALTERNATIVE -

Options: Yes, No,

ALTERNATIVE - Service-related calibration start date ALTIMPC_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.

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
