



Atellica® Solution
Assays
Overview

**Atellica®
CH 930
Analyzer**

Atellica® Solution Assays Overview

| Disease State | Assay | SMN | Tests per Kit | Time to First Result (min) | Sample Types | Sample Volume | Analytical Measuring Range | LoB LoD LoQ | On Board Stability (days) | Calibrator Name | Lot Calibration Interval (days) | Pack Calibration Interval (days) |
|-------------------------------|--------------------------|----------|---------------|----------------------------|--|---------------|--|---|---------------------------|---|---------------------------------|----------------------------------|
| Diabetes | Fructosamine (Fruc) | 11097637 | 400 | 10 | S, P (Lithium Heparinized, Potassium EDTA) | 16 µL | 30–1000 µmol/L | LoB: 6 µmol/L LoD: 10 µmol/L LoQ: 28 µmol/L | 30 | Fruc CAL | 180 | 30 |
| Diabetes | Hemoglobin A1c_3 (A1c_3) | 11097500 | 400 | 7 | WB | 2 µL | 2.9–15.4% | LoB: 0.27 µmol/L for A1c_30.22 g/dL for Hb LoD: 0.48 µmol/L for A1c_3 0.89 g/dL for Hb | 30 | A1c_3 CAL | 36 | 7 |
| Drugs of Abuse/ Toxicology | Acetaminophen (Acet) | 11097522 | 1200 | 10 | S, P (Lithium Heparinized) | 6 µL | 0.2–20.0 mg/dL | LoB: 0.1 mg/dL LoD: ≤0.2 mg/dL | 14 | TOX CAL | 62 | 1 |
| Drugs of Abuse/ Toxicology | Amphetamines (Amp) | 11097506 | 1520 | 7 | U | 13.5 µL | 300 ng/mL; Semi-quantitative 100–1000 ng/mL | LoB: 41 ng/mL LoD: 53 ng/mL | 30 | Emit Calibrator 0, 1, 2, 3 | 60 | 20 |
| | | | | | | 8 µL | 500 ng/mL; Semi-quantitative 150–1800 ng/mL | LoB: 44 ng/mL LoD: 63 ng/mL | | | | |
| | | | | | | 5 µL | 1000 ng/mL; Semi-quantitative 150–1800 ng/mL | LoB: 83 ng/mL LoD: 121 ng/mL | | | | |
| Drugs of Abuse/ Toxicology | Barbiturates (Brb) | 11097507 | 1520 | 7 | U | 17.5 µL | 200 ng/mL; Semi-quant 40–750 ng/mL | LoB: 5 ng/mL LoD: 9 ng/mL | 28 | Emit Calibrator/ Control Levels 0, 2, 3, 4, 5 | 60 | 30 |
| | | | | | | | 300 ng/mL; Semi-quant 40–750 ng/mL | | | | | |
| Drugs of Abuse/ Toxicology | Benzodiazepines (Bnz) | 11097505 | 1520 | 7 | U | 17.5 µL | 200 ng/mL; Semi-quant 50-900 ng/mL | LoB: 15 ng/mL LoD: 27 ng/mL | 30 | Emit Calibrator/ Control Levels 0, 2, 3, 4, 5 | 60 | 20 |
| | | | | | | | 300 ng/mL Semi-quant 50-900 ng/mL | | | | | |

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| Drugs of Abuse/ Toxicology | Cannabinoids THC (Thc) | 11097503 | 1520 | 7 | U | 25 µL | 20 ng/mL; Semi-quant 10–55 ng/mL | LoB: 6 ng/mL LoD: 7 ng/mL | 30 | Emit Calibrator 0, 2, 3, 4 | 60 | 5 |
| | | | | | | 13 µL | 50 ng/mL; Semi-quant 15–180 ng/mL | LoB: 6 ng/mL LoD: 7 ng/mL | | Emit Calibrator 0, 2, 3, 4, 5 | | |
| | | | | | | 9.5 µL | 100 ng/mL; Semi-quant 15–180 ng/mL | LoB: 7 ng/mL LoD: 9 ng/mL | | Emit Calibrator 0, 3, 4, 5 | | |
| Drugs of Abuse/ Toxicology | Cocaine Metabolite (Coc) | 11097504 | 1520 | 7 | U | 25 µL | 150 ng/mL; Semi-quant 36-900 ng/mL | LoB: 4 ng/mL LoD: 7 ng/mL | 30 | Emit Calibrator 0, 2, 3, 4, 5 | 40 | 20 |
| | | | | | | | 300 ng/mL; Semi-quant 36-900 ng/mL | | | | | |
| Drugs of Abuse/ Toxicology | Ecstasy (Xtc) | 11097518 | 400 | 7 | U | 23 µL | 300 ng/mL; Semi-quant 75–500 ng/mL | LoB: 32 ng/mL LoD: 40 ng/mL | 30 | Emit Cal/ Control 0 Emit II Plus 6-AM/ Ecstasy Cal/Control Levels 1, 2, 3 | 60 | 15 |
| | | | | | | 16 µL | 500 ng/mL; Semi-quant 75–500 ng/mL | LoB: 35 ng/mL LoD: 46 ng/mL | | Emit Cal/ Control 0 Emit II Plus 6-AM/ Ecstasy Cal/ Control Levels 1, 2, 3, 4 | | |
| Drugs of Abuse/ Toxicology | Emit II Plus 6-Acetylmorphine* (6AM) | 10470440 | 200 | 6 | U | 15 µL | 10 ng/mL; Semi Quant 5-15 ng/mL | Not Applicable | 30 | Emit® Calibrator/ Control Level 0 Emit® II Plus 6-AM/Ecstasy Calibrator/Control Level 1, 2, 3, 4 | 60 | 6 |
| Drugs of Abuse/ Toxicology | Emit II Plus Buprenorphine* (Bupn) | 10720048 | 200 | 6 | U | 15 µL | 5 ng/mL; Semi Quant 2.5-25 ng/mL | Not Applicable | 28 | Emit® Calibrator/ Control Level 0 Emit® II Plus Specialty Drug Calibrator/Control Level 1-4 | | 8 |

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| Drugs of Abuse/ Toxicology | EMIT Tox Serum Barbiturate* (sBrb) | 10445391 | 225 | 7 | S, P (Heparinized, EDTA) | 11 µL | 3 µg/mL | Not Applicable | 30 | Emit tox Serum Calibrators | | 8 |
| Drugs of Abuse/ Toxicology | EMIT Tox Serum Benzodiazepine* (sBnz) | 10445388 | 225 | 7 | S, P (Heparinized, EDTA) | 11 µL | 0.3 µg/mL | Not Applicable | 30 | Emit tox Serum Calibrators | | 8 |
| Drugs of Abuse/ Toxicology | EMIT Tox Serum Tricyclic Antidepressants* (TCA) | 10445389 | 225 | 7 | S, P (Heparinized, EDTA) | 11 µL | 300 ng/mL | Not Applicable | 25 | Emit tox Serum Tricyclic Antidepressants Cal/Control | | 8 |
| Drugs of Abuse/ Toxicology | Ethyl Alcohol (ETOH) | 11097501 | 1200 | 8 | S, P (Lithium Heparinized, Potassium EDTA, Sodium fluoride/potassium oxalate) | 8 µL | 3.0–300.0 mg/dL | LoB: 1.3 mg/dL LoD: 2.8 mg/dL | 30 | TOX CAL | 60 | 10 |
| | | | | | U | | | LoB: 1.4 mg/dL LoD: 3.0 mg/dL | | | | |
| Drugs of Abuse/ Toxicology | Opiates (Op) | 11097502 | 1520 | 7 | U | 24 µL | 300 ng/mL; Semi-quant 75-1800 ng/mL | LoB: 17 ng/mL LoD: 27 ng/mL | 30 | Emit Calibrator 0, 1, 2, 3 | 60 | 30 |
| | | | | | | 6 µL | 2000 ng/mL; Semi-quant 320-3800 ng/mL | | | | | |
| Drugs of Abuse/ Toxicology | Phencyclidine (Pcp) | 11097509 | 1520 | 7 | U | 23.5 µL | 25 ng/mL; Semi-quant 5–75 ng/mL | LoD: LoB: | 30 | Emit Calibrator 0, 2, 3, 4 | 60 | 19 |

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| Drugs of Abuse/ Toxicology | Propoxyphene (Ppx) | 11097519 | 1520 | 7 | U | 20 µL | 300 ng/mL; Semi-quant 103–1000 ng/mL | LoB: 6 ng/mL LoD: 18 ng/mL | 30 | Emit Calibrator 0, 2, 3, 4, 5 | 60 | 30 |
| Drugs of Abuse/ Toxicology | Methadone (Mdn) | 11097520 | 1520 | 7 | U | 23 µL | 150 ng/mL; Semi-quant 40–450 ng/mL | LoB: 12 ng/mL LoD: 15 ng/mL | 30 | Emit Calibrator 0, 2, 3, 4 | 60 | 20 |
| | | | | | | 11.5 µL | 300 ng/mL; Semi-quant 90–900 ng/mL | LoB: 16 ng/mL LoD: 22 ng/mL | | Emit Calibrator 0,3,4,5 | | |
| Drugs of Abuse/ Toxicology | Methadone Metabolite (EDDP) (MetMtb) | 11097527 | 2000 | 7 | U | 25 µL | 1000 ng/mL | LoD: LoB: | 30 | MetMtb CAL | 60 | 14 |
| Drugs of Abuse/ Toxicology | Salicylate (Sal) | 11097523 | 1200 | 10 | S, P (Lithium Heparinized) | 8 µL | 3.0–100.0 mg/dL | LoB: 0.5 mg/dL LoD: 0.9 mg/dL | 30 | TOX CAL | 180 | 21 |
| General Chemistry | Alanine Aminotransferase (ALT) | 11097605 | 2550 | 10 | S, P (Lithium Heparinized) | 25 µL | 7–1100 U/L | LoB: 1 U/L LoD: 2 U/L | 30 | ENZ 2 CAL | 131 | 30 |
| General Chemistry | Alanine Aminotransferase PSP (ALTPLC) | 11097638 | 2080 | 10 | S, P (Lithium Heparinized) | 25 µL | 9–1000 U/L | LoB: 2 U/L LoD: 3 U/L LoQ: 5 U/L | 19 per pack | ENZ 2 CAL | 130 | 4 |
| General Chemistry | Albumin (Alb) | 11097590 | 6800 | 10 | S, P (Lithium Heparinized) | 2 µL | 1.0–6 g/dL | LoB: 0.0 g/dL LoD: 0.0 g/dL | 60 | CHEM CAL | 97 | 60 |

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| General Chemistry | Albumin BCP (AlbP) | 11097530 | 6400 | 3 | S, P (Lithium Heparinized, Potassium EDTA) | 4 µL | 0.5–8 g/dL | LoB: 0.1 g/dL LoD: 0.2 g/dL LoQ: 0.4 g/dL | 20 | AlbP CAL | 30 | 8 |
| General Chemistry | Alkaline Phosphatase, Concentrated (ALP_2c) | 11097600 | 4800 | 8 | S, P (Lithium Heparinized) | 10 µL | 10–1000 U/L | LoB: 0 U/L LoD: 0.4 U/L LoQ: 6.2 U/L | 30 | ALP_2 CAL | 60 | 17 |
| General Chemistry | Alpha-1-acid Glycoprotein (AAG) | 11097629 | 400 | 10 | S, P (Lithium Heparinized, Potassium EDTA) | 3.2 µL | 5.0–612.0 mg/dL | LoB: 0.9 mg/dL LoD: 2.0 mg/dL | 30 | LSP CAL | 60 | 14 |
| General Chemistry | A-LYTE Integrated Multisensor (IMT Cl) | 11099315 | 20,000 | 18 sec | S, P (Lithium Heparinized) | 25 µL | 50–200 mmol/L | LoQ: 38.3 mmol/L | 14 days or 5000 samples per multisensor | A-LYTE IMT Standard A; A-LYTE IMT Standard B + Salt Bridge | automatic calibration every 4 hours | automatic calibration every 4 hours |
| | | | | 27 sec | U | | 20–330 mmol/L | LoQ: 15.8 mmol/L | | | | |
| General Chemistry | A-LYTE Integrated Multisensor (IMT K) | 11099315 | 20,000 | 18 sec | S, P (Lithium Heparinized) | 26 µL | 1–10 mmol/L | LoQ: 0.429 mmol/L | 14 days or 5000 samples per multisensor | A-LYTE IMT Standard A; A-LYTE IMT Standard B + Salt Bridge | automatic calibration every 4 hours | automatic calibration every 4 hours |
| | | | | 27 sec | U | | 2–300 mmol/L | LoQ: 1.03 mmol/L | | | | |
| General Chemistry | A-LYTE Integrated Multisensor (IMT Na) | 11099315 | 20,000 | 18 sec | S, P (Lithium Heparinized) | 28 µL | 50–200 mmol/L | LoQ: 5.35 mmol/L | 14 days or 5000 samples per multisensor | A-LYTE IMT Standard A; A-LYTE IMT Standard B + Salt Bridge | automatic calibration every 4 hours | automatic calibration every 4 hours |
| | | | | 27 sec | U | | 10–300 mmol/L | LoQ: 42.4 mmol/L | | | | |
| General Chemistry | Amylase (Amylas) | 11097603 | 1050 | 9 | S, P (Lithium Heparinized) | 16 µL | 5–1500 U/L | LoB: 2 U/L LoD: 4 U/L | 30 | n/a | n/a | 1 |
| | | | | | U | | | LoB: 2 U/L LoD: 3 U/L | | | | |
| General Chemistry | Ammonia (Amm) | 11097529 | 480 | 4 | P (Lithium Heparinized, EDTA) | 25 µL | 17–1277 µg/dL | LoB: 3 µg/dL LoD: 11 µg/dL LoQ: 17 µg/dL | 30 | CHEM III CAL | 30 | 3 |

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| General Chemistry | Aspartate Aminotransferase (AST) | 11097607 | 2550 | 10 | S, P (Lithium Heparinized) | 25 µL | 8–1000 U/L | LoB: 1 U/L LoD: 2 U/L | 30 | ENZ 2 CAL | 131 | 30 |
| General Chemistry | Aspartate Aminotransferase PSP (ASTPLc) | 11097639 | 2080 | 10 | S, P (Lithium Heparinized) | 25 µL | 8–1000 U/L | LoB: 0 U/L LoD: 1 U/L LoQ: 7 U/L | 30 per pack | ENZ 2 CAL | 130 | 11 |
| General Chemistry | Calcium (Ca) | 11097595 | 3560 | 8 | S, P (Lithium Heparinized) | 16 µL | 1–15 mg/dL | LoB: 0.2 mg/dL LoD: 0.3 mg/dL | 30 | CHEM CAL | 33 | 3 |
| | | | | | U | | 1–30 mg/dL | LoB: 0.3 mg/dL LoD: 0.5 mg/dL | | | | |
| General Chemistry | Carbon Dioxide, Concentrated (CO2_c) | 11097521 | 7600 | 2 | S, P (Lithium Heparinized) | 5.7 µL | 10.0–40.0 mEq/L | LoB: ≤ 0.4 mEq/L LoD: 0.9 mEq/L | 27 | CO2 CAL | 30 | 6 |
| General Chemistry | Cholesterol_2 (Chol_2) | 11097609 | 8400 | 10 | S, P (Lithium Heparinized) | 4 µL | 25–618 mg/dL | LoB: 1 mg/dL LoD: 2 mg/dL LoQ: 25 mg/dL | 26 | CHEM CAL | 50 | 7 |
| General Chemistry | Cholinesterase (CHE) | 11097615 | 270 | 9 | S, P (Lithium Heparinized) | 2 µL | 1,500–30,000 U/L | LoB: 42 U/L LoD: 100 U/L | 30 per pack | ENZ 1 CAL | 120 | 7 |
| General Chemistry | Creatinine_2 (Crea_2) | 11097596 | 5888 | 7 | S, P (Lithium Heparinized) | 24 µL | 0.15–30.00 mg/dL | LoB: 0.03 mg/dL LoD: 0.08 mg/dL LoQ: 0.15 mg/dL | 17 | CHEM CAL | 180 | 6 |
| | | | | | U | | 3.00–245.00 mg/dL | LoB: 0.35 mg/dL LoD: 0.51 mg/dL LoQ: 3.00 mg/dL | | | | |

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| General Chemistry | Creatine Kinase (CK_L) | 11097640 | 996 | 10 | S, P (Lithium Heparinized) | 4.5 µL | 15–1300 U/L | LoB: 1 U/L LoD: 6 U/L LoQ: 6 U/L | 29 | ENZ 3 CAL | 202 | 21 |
| General Chemistry | Direct Bilirubin 2 (DBil_2) | 11097532 | 1792 | 10 | S, P (Lithium Heparinized) | 14.3 µL | 0.1–15.0 mg/dL | LoB: 0.0 mg/dL LoD: 0.0 mg/dL | 30 | CHEM CAL | 60 | 30 |
| General Chemistry | Direct HDL Cholesterol (D-HDL) | 11097630 | 1792 | 8 | S, P (Lithium Heparinized) | 5 µL | 20.0–129.0 mg/dL | LoB: 0.5 mg/dL LoD: 2.1 mg/dL LoQ: 2.7 mg/dL | 30 | HDL/LDL CAL | 30 | 60 |
| General Chemistry | Enzymatic Creatinine_2 (ECre_2) | 11097533 | 1400 | 10 | S, P (Lithium Heparinized, Potassium EDTA) | 13 µL | 0.1–30.00 mg/dL | LoB: 0.02 mg/dL LoD: 0.03 mg/dL | 30 | CHEM CAL | 180 | 30 |
| | | | | | U | | 1.0–245.00 mg/dL | | | | | |
| General Chemistry | Gamma-Glutamyl Transferase (GGT) | 11097597 | 1792 | 10 | S, P (Lithium Heparinized) | 10 µL | 7–1200 U/L | LoB: 1 U/L LoD: 2 U/L LoQ: | 22 | ENZ 1 CAL | 60 | 22 |
| General Chemistry | Glucose Oxidase (GluO) | 11097621 | 5600 | 10 | S, P (Lithium Heparinized) | 4 µL | 6–750 mg/dL | LoB: 0 mg/dL LoD: 1 mg/dL | 30 | CHEM CAL | 35 | 7 |
| | | | | | U | | | | | | | |
| | | | | | CSF | | | | | | | |
| General Chemistry | Inorganic Phosphorus (IP) | 11097611 | 5100 | 10 | S, P (Lithium Heparinized) | 8 µL | 0.3–20 mg/dL | LoB: 0.00 mg/dL LoD: 0.1 mg/dL | 30 | CHEM CAL | 180 | 7 |
| | | | | | U | | 4–100 mg/dL | LoB: 0.5 mg/dL LoD: 1.4 mg/dL | | | | |

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| General Chemistry | Iron_2 (Iron_2) | 11097601 | 1792 | 10 | S, P (Lithium Heparinized) | 25 µL | 2–1000 µg/dL | LoB: 1 µg/d LoD: 2 µg/dL | 30 | CHEM CAL | 180 | 30 |
| General Chemistry | Lactate (Lac) | 11097614 | 380 | 4 | P (Lithium Heparinized, Potassium EDTA P, Sodium fluoride/potassium oxalate) | 4 µL | 0.6–110.0 mg/dL | LoB: 0.4 mg/dL LoD: 0.6 mg/dL | 30 per pack | SPCL CHEM CAL | 62 | 30 |
| General Chemistry | Lactate Dehydrogenase L-P (LDLP) | 11097594 | 1792 | 9 | S, P (Lithium Heparinized) | 14 µL | 20-700 U/L | LoB: 2 U/L LoD: 3 U/L | 28 | ENZ 1 CAL | 60 | 28 |
| General Chemistry | LDL Cholesterol Direct (DLDL) | 11097632 | 1600 | 10 | S, P (Lithium Heparinized) | 5 µL | 5.0–1000.0 mg/dL | LoB: 0.8 mg/dL LoD: 3.0 mg/dL | 15 | HDL/LDL CAL | 121 | 15 |
| General Chemistry | Lipase (Lip) | 11097606 | 1280 | 8 | S, P (Lithium Heparinized) | 3 µL | 8–700 U/L | LoB: 3 U/L LoD: 6 U/L | 9 | ENZ 1 CAL | 61 | 9 |
| General Chemistry | Magnesium (Mg) | 11097612 | 1200 | 8 | S, P (Lithium Heparinized) | 12 µL | 0.50–5.00 mg/dL | LoB: 0.00 mg/dL LoD: 0.02 mg/dL LoQ: 0.46 mg/dL | 14 | CHEM CAL | 180 | 3 |
| | | | | | U | | Urine 1.00–14.00 mg/dL | LoB: 0.00 mg/dL LoD: 0.04 mg/dL LoQ: 0.57 mg/dL | | | | |
| General Chemistry | Microalbumin_2 (µALB_2) | 11097610 | 840 | 10 | U | 13.7 µL | 0.3–38.0 mg/dL | LoB: 0.0 mg/dL LoD: 0.1 mg/dL | 30 | µALB_2 CAL | 180 | 30 |

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| General Chemistry | Pancreatic Amylase (PAMy) | 11097622 | 1720 | 9 | S | 16 µL | 5–1500 U/L | LoB: 1 U/L LoD: 2 U/L | 30 | n/a | N/A | 1 |
| General Chemistry | Total Bilirubin_2 (TBil_2) | 11097531 | 1792 | 10 | S, P (Lithium Heparinized) | 14.3 µL | 0.1–35.0 mg/dL | LoB: 0.0 mg/dL LoD: 0.0 mg/dL | 30 | CHEM CAL | 60 | 30 |
| General Chemistry | Total Iron Binding Capacity (TIBC) | 11097525 | 800 | 10 | S | 24 µL | 40–670 µg/dL | LoB: 6 µg/dL LoD: 9 µg/dL | 7 | SPCL CHEM CAL | 180 | 7 |
| General Chemistry | Total Protein_2 (Urine) (UPro) | 11097524 | 1600 | 10 | U, CSF | 13.3 µL | 1.0–125.0 mg/dL | LoB: 0.3 mg/dL LoD: 0.9 mg/dL | 30 | UPro CAL | 60 | 30 |
| General Chemistry | Total Protein II (TP) | 11097604 | 7400 | 10 | S, P (Lithium Heparinized) | 17.5 µL | 2.0–12.0 g/dL | LoB: 0.6 g/dL LoD: 0.7 g/dL | 30 | CHEM CAL | 181 | 30 |
| General Chemistry | Triglycerides (concentrated) (Trig) | 11097591 | 2000 | 4 | S, P (Lithium Heparinized, Potassium EDTA) | 4 µL | 10–550 mg/dL | LoB: 3 mg/dL LoD: 4 mg/dL LoQ: 10 mg/dL | 30 | CHEM CAL | 60 | 14 |
| General Chemistry | Urea Nitrogen (UN_c) | 11097593 | 6240 | 7 | S, P (Lithium Heparinized)" | 7 µL | 5–150 mg/dL | LoB: 1 mg/dL LoD: 2 mg/dL | 30 | CHEM CAL | 75 | 6 |
| | | | | | U | | 35–1000 mg/dL | LoB: 4 mg/dL LoD: 7 mg/dL | | | | |
| General Chemistry | Uric Acid (UA) | 11097608 | 4800 | 7 | S, P (Lithium Heparinized, Potassium EDTA) | 11 µL | 0.5–20 mg/dL | LoB: 0.0 mg/dL LoD: 0.0 mg/dL | 30 | CHEM CAL | 183 | 7 |
| | | | | | U | | 0.9–180 mg/dL | LoB: 0.3 mg/dL LoD: 0.5 mg/dL | | | | |

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| Specific Proteins | Alpha-1-antitrypsin (AAT) | 11097628 | 360 | 10 | S, P (Lithium Heparinized) | 2.7 µL | 5–500 mg/dL | LoB: 1.0 mg/dL LoD: 3 mg/dL | 30 | LSP CAL | 60 | 7 |
| Specific Proteins | Anti-Streptolysin-O_2 (ASO_2) | 11097634 | 1200 | 10 | S, P (Lithium Heparinized, Potassium EDTA) | 7.5 µL | 25.0–1000 IU/mL | LoB: 5.9 IU/mL LoD: 12.7 IU/mL | 30 | LSP CAL | 60 | 30 |
| Specific Proteins | Apolipoprotein A-1 (APO A1) | 11097625 | 300 | 10 | S, P (Lithium Heparinized) | 5 µL | 15–200 mg/dL | LoB: 0.0 mg/dL LoD: 0.2 mg/dL | 14 | APO A1 & B CAL | 60 | 14 |
| Specific Proteins | Apolipoprotein B (APO B) | 11097626 | 300 | 10 | S, P (Lithium Heparinized) | 5 µL | 15–200 mg/dL | LoB: 1.0 mg/dL LoD: 2.0 mg/dL | 30 | APO A1 & B CAL | 60 | 30 |
| Specific Proteins | Complement C3 (C3) | 11097624 | 400 | 10 | S | 4.5 µL | 0.5–500.0 mg/dL | LoB: 0.0 mg/dL LoD: 0.2 mg/dL | 30 | LSP CAL | 60 | 14 |
| Specific Proteins | Complement C4 (C4) | 11097623 | 400 | 10 | S | 6 µL | 0.4–140.0 mg/dL | LoB: 0.1 mg/dL LoD: 0.2 mg/dL | 30 | LSP CAL | 60 | 14 |
| Specific Proteins | C-Reactive Protein_2 (CRP_2) | 11097631 | 1000 | 8 | S, P (Lithium Heparinized) | 4 µL | 0.4–30.4 mg/dL | LoB: 0.0 mg/dL LoD: 0.0 mg/dL LoQ: 0.3 mg/dL | 30 | CRP_2 CAL | 60 | 30 |

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| Specific Proteins | Haptoglobin | 11097643 | 300 | 10 | S | 3.4 µL | 1–340 mg/dL | LoB: 0 mg/dL LoD: 1 mg/dL | 30 days pack | LSP CAL | 10 | 30 |
| Specific Proteins | High Sensitivity C-Reactive Protein (hsCRP) | 11097633 | 740 | 8 | S, P (Lithium Heparinized, Potassium EDTA) | 10 µL | 0.16–10.0 mg/L | LoB: 0.05 mg/L LoD: 0.07 mg/L LoQ: 0.16 mg/L | 30 | hsCRP CAL | 60 | 30 |
| Specific Proteins | Immunoglobulin A ₂ (IgA ₂) | 11097619 | 600 | 10 | S, P (Lithium Heparinized) | 4 µL | 33.0–540.0 mg/dL | LoB: 0.6 mg/dL LoD: 1.8 mg/dL | 30 | LSP CAL | 60 | 30 |
| Specific Proteins | Immunoglobulin G ₂ (IgG ₂) | 11097616 | 720 | 10 | S, P (Lithium Heparinized) | 2 µL | 140–3400 mg/dL | LoB: 7 mg/dL LoD: 21 mg/dL | 30 | LSP CAL | 60 | 30 |
| Specific Proteins | Immunoglobulin M ₂ (IgM ₂) | 11097620 | 720 | 10 | S, P (Lithium Heparinized, Potassium EDTA) | 9 µL | 21.0–330.0 mg/dL | LoB: 1.9 mg/dL LoD: 3.9 mg/dL | 30 | LSP CAL | 60 | 30 |
| Specific Proteins | Lipoprotein(a) (Lp(a)) | 11097627 | 400 | 10 | S, P (Lithium Heparinized) | 9 µL | 10.00–85.00 mg/dL | LoB: 1.86 mg/dL LoD: 2.45 mg/dL LoQ: 9.30 mg/dL | 30 | Lp(a) CAL | 60 | 30 |
| Specific Proteins | β ₂ -Microglobulin (B2M) | 11097635 | 400 | 8 | S, P (Lithium Heparinized, Potassium EDTA) | 5 µL | 0.25–18.00 mg/L | LoB: 0.10 mg/L LoD: 0.20 mg/L | 30 | B2M CAL | 60 | 21 |
| Specific Proteins | Prealbumin (PreAlb) | 11097617 | 400 | 10 | S | 7.5 µL | 5.0–70.0 mg/dL | LoB: 0.0 mg/dL LoD: 1.8 mg/dL | 30 | LSP CAL | 60 | 7 |

Atellica® Solution Assays Overview

| Disease State | Assay | SMN | Tests per Kit | Time to First Result (min) | Sample Types | Sample Volume | Analytical Measuring Range | LoB LoD LoQ | On Board Stability (days) | Calibrator Name | Lot Calibration Interval (days) | Pack Calibration Interval (days) |
|-----------------------------------|-------------------------|----------|---------------|----------------------------|--|---------------|----------------------------|--|---------------------------|---|---------------------------------|----------------------------------|
| Specific Proteins | Rheumatoid Factor (RF) | 11097618 | 360 | 10 | S | 11.5 µL | 3.5–90.0 IU/mL | LoB: 1.6 IU/mL LoD: 3.2 IU/mL | 21 | LSP CAL | 60 | 10 |
| Specific Proteins | Transferrin (Trf) | 11097613 | 880 | 10 | S, P (Lithium Heparinized, Potassium EDTA) | 2 µL | 1–440 mg/dL | LoB: 0 mg/dL LoD: 1.0 mg/dL | 30 | LSP CAL | 60 | 14 |
| Therapeutic Drug Monitoring (TDM) | ARK Methotrexate* (Mtx) | 10709280 | 110 | 7 | S, P (Lithium Heparin, Sodium Heparin, Potassium EDTA) | 20 µL | 0.04–1.20 µmol/L | LoB: 0.0 LoD: 0.02 LoQ: 0.04 | 62 | ARK Methotrexate Calibrators | 62 | 15 |
| Therapeutic Drug Monitoring (TDM) | Carbamazepine (Carb) | 11097515 | 400 | 8 | S, P (Lithium Heparinized) | 3.8 µL | 0.4–20.0 µg/mL | LoB: 0.3 µg/mL LoD: 0.4 µg/mL | 30 per pack | DRUG CAL II | 30 | 7 |
| Therapeutic Drug Monitoring (TDM) | Digoxin (Dgn) | 11097526 | 1600 | 10 | S, P (Lithium Heparinized) | 15.6 µL | 0.14–5.00 ng/mL | LoB: 0.08 ng/mL LoD: 0.14 ng/mL | 30 | TDM CAL | 60 | 7 |
| Therapeutic Drug Monitoring (TDM) | EMIT Caffeine* (Caff) | 10445371 | 225 | 7 | S | 7 µL | 1–30 µg/mL | Not applicable | 30 | Emit Caffeine Calibrators (included in kit) | 60 | 8 |
| Therapeutic Drug Monitoring (TDM) | Gentamicin (Gent) | 11097516 | 400 | 8 | S, P (Lithium Heparinized) | 3.8 µL | 0.5–12.0 µg/mL | LoB: 0.3 µg/mL LoD: 0.5 µg/mL | 30 per pack | DRUG II CAL | 30 | 7 |
| Therapeutic Drug Monitoring (TDM) | Lithium (Li) | 11097535 | 400 | 10 | S, P (Sodium Heparinized, EDTA) | 13 µL | 0.10–3.00 mmol/L | LoB: 0.05 mmol/mL LoD: 0.07 mmol/mL | 13 | CHEM CAL | 63 | 4 |

Atellica® Solution Assays Overview

| Disease State | Assay | SMN | Tests per Kit | Time to First Result (min) | Sample Types | Sample Volume | Analytical Measuring Range | LoB LoD LoQ | On Board Stability (days) | Calibrator Name | Lot Calibration Interval (days) | Pack Calibration Interval (days) |
|-----------------------------------|----------------------|----------|---------------|----------------------------|----------------------------|---------------|----------------------------|--|---------------------------|-----------------|---------------------------------|----------------------------------|
| Therapeutic Drug Monitoring (TDM) | Phenobarbital (Phnb) | 11097514 | 400 | 8 | S, P (Lithium Heparinized) | 5 µL | 3.0–80.0 µg/mL | LoB: 1.5 µg/mL LoD: 2.0 µg/mL | 30 per pack | DRUG CAL | 30 | 7 |
| Therapeutic Drug Monitoring (TDM) | Phenytoin (Phny) | 11097510 | 400 | 8 | S, P (Lithium Heparinized) | 5 µL | 2.0–40.0 µg/mL | LoB: 0.4 µg/mL LoD: 0.8 µg/mL | 30 per pack | DRUG CAL | 28 | 7 |
| Therapeutic Drug Monitoring (TDM) | Theophylline (Theo) | 11097513 | 400 | 6 | S, P (Lithium Heparinized) | 5.0 µL | 2.0–40.0 µg/mL | LoB: 0.3 µg/mL LoD: 0.4 µg/mL | 30 per pack | DRUG CAL | 30 | 7 |
| Therapeutic Drug Monitoring (TDM) | Tobramycin (Tob) | 11097517 | 400 | 9 | S, P (Lithium Heparinized) | 3.8 µL | 0.3–12.0 µg/mL | LoB: 0.1 µg/mL LoD: 0.2 µg/mL | 30 per pack | DRUG CAL II | 30 | 7 |
| Therapeutic Drug Monitoring (TDM) | Valproic Acid (VPA) | 11097512 | 400 | 8 | S, P (Lithium Heparinized) | 2.5 µL | 3.0–150.0 µg/mL | LoB: 0.9 µg/mL LoD: 1.5 µg/mL | 30 per pack | DRUG II CAL | 30 | 7 |
| Therapeutic Drug Monitoring (TDM) | Vancomycin (Vanc) | 11097511 | 400 | 9 | S, P (Lithium Heparinized) | 2.5 µL | 3.0–50.0 µg/mL | LoB: 0.1 µg/mL LoD: 0.2 µg/mL LoQ: 3.0 µg/mL | 30 per pack | DRUG II CAL | 30 | 7 |

*Alliance Application

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