

Department of State Health Services/South Texas Laboratory
LABORATORY TEST/CHEMISTRY

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| Test Name: | T B PANEL |
| Patient Preparation: | Fasting is not required: Preferable draw with patient in sitting position. |
| Specimen Requirement: | Serum, 2 ml |
| Special Timing for Collection: | None |
| Preservative or Anticoagulant: | SST Tube preferred (Gold or Red/Gray Tiger Top) |
| Transportation Requirements/Storage: | Avoid vigorous handling of specimen. Avoid hemolysis. Separate serum from cells promptly. Protect from light. Transport to laboratory in dark container if delay is expected. Serum is stable 48 hours refrigerated at 2-8° C. |
| Required Requisition: | F40-A Specimen Submission Form |

SPECIMEN STORAGE AND STABILITY INSTRUCTIONS

- 1. Tubes of blood are to be kept closed at all times and in a vertical position. It is recommended that the serum or plasma be physically separated from contact with cells within two hours from the time of collection.**
- 2. Separated serum or plasma should not remain at room temperature longer than 8 hours. If assays are not completed within 8 hours, serum or plasma should be stored at +2°C to +8°C. If assays are not completed within 48 hours, or the separated sample is to be stored beyond 48 hours, samples should be frozen at -15°C to -20°C. Frozen samples should be thawed only once. Analyte deterioration may occur in samples that are repeatedly frozen and thawed.**

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|---|--|
| Test Name: | HEPATIC PANEL |
| Patient Preparation: | Fasting is not required: Preferable draw with patient in sitting position. |
| Specimen Requirement: | Serum, 2 ml |
| Special Timing for Collection: | None |
| Preservative or Anticoagulant: | SST Tube preferred (Gold or Red/Gray) |
| Transportation Requirements/Storage: | Avoid vigorous handling of specimen. Avoid hemolysis. Separate serum from cells promptly. Protect from light. Transport to laboratory in dark container if delay is expected. Serum is stable 48 hours refrigerated at 2-8° C. |
| Required Requisition: | F40-A Specimen Submission Form |

SPECIMEN STORAGE AND STABILITY INSTRUCTIONS

- 1. Tubes of blood are to be kept closed at all times and in a vertical position. It is recommended that the serum or plasma be physically separated from contact with cells within two hours from the time of collection.**
- 2. Separated serum or plasma should not remain at room temperature longer than 8 hours. If assays are not completed within 8 hours, serum or plasma should be stored at +2°C to +8°C. If assays are not completed within 48 hours, or the separated sample is to be stored beyond 48 hours, samples should be frozen at -15°C to -20°C. Frozen samples should be thawed only once. Analyte deterioration may occur in samples that are repeatedly frozen and thawed.**

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| Test Name: | LIPID PANEL |
| Patient Preparation: | Overnight fast preferred (12-18 hours minimum) |
| Specimen Requirement: | Serum, 2 ml |
| Special Timing for Collection: | Morning collection (12 hr. Fast minimum preferred for best reflection of current state) (can draw anytime if fasting state is not a concern) |
| Preservative or Anticoagulant: | SST Tube preferred (Gold or Red/Gray) SST |
| Transportation Requirements/Storage: | Separate serum from cells promptly. Lipid levels in serum are stable. 48 hours refrigerated 2-8°C. |
| Required Requisition: | F40-A Specimen Submission Form |

SPECIMEN STORAGE AND STABILITY INSTRUCTIONS

- 1. Tubes of blood are to be kept closed at all times and in a vertical position. It is recommended that the serum or plasma be physically separated from contact with cells within two hours from the time of collection.**
- 2. Separated serum or plasma should not remain at room temperature longer than 8 hours. If assays are not completed within 8 hours, serum or plasma should be stored at +2°C to +8°C. If assays are not completed within 48 hours, or the separated sample is to be stored beyond 48 hours, samples should be frozen at -15°C to -20°C. Frozen samples should be thawed only once. Analyte deterioration may occur in samples that are repeatedly frozen and thawed.**

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|---|--|
| Test Name: | COMPREHENSIVE PANEL |
| Patient Preparation: | Fasting or non-fasting acceptable, draw with patient in sitting position. |
| Specimen Requirement: | Serum, 2-4 ml |
| Special Timing Collection: | For fasting value: 8-10 hours fasting period-with lipids 12-18 hours preferred. (Can draw anytime if fasting state is not a concern) |
| Preservative or Anticoagulant: | SST Tube preferred (Gold or Red/Gray) |
| Transportation Requirements/Storage: | Avoid vigorous handling of specimen. <u>Avoid hemolysis.</u> Separate serum from cells within 2 hours of collection. Separated serum is stable for 48 hours refrigerated at 2-8°C. Protect from light-transport in dark paper bag if delivery is delayed. |
| Required Requisition: | F40-A Specimen Submission Form |

SPECIMEN STORAGE AND STABILITY INSTRUCTIONS

- 1. Tubes of blood are to be kept closed at all times. It is recommended that the serum be physically separated from contact with cells within one hour from the time of collection. (Must be separated within 2 hrs of collection.)**
- 2. Separated serum should not remain at room temperature longer than 8 hours. If assays are not completed within 8 hours, serum should be stored at +2°C to +8°C. If assays are not completed within 48 hours, or the separated sample is to be stored beyond 48 hours, samples should be frozen at -15°C to -20°C. Frozen samples should be thawed only once. Analyte deterioration may occur in samples that are repeatedly frozen and thawed.**

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|---|--|
| Test Name: | BASIC PANEL |
| Patient Preparation: | Fasting or non-fasting acceptable, draw with patient in sitting position. |
| Specimen Requirement: | Serum, 2-4 ml |
| Special Timing Collection: | For fasting value: 8-10 hours fasting period-with lipids 12-18 hours preferred. (Can draw anytime if fasting state is not a concern) |
| Preservative or Anticoagulant: | SST Tube preferred (Gold or Red/Gray) |
| Transportation Requirements/Storage: | Avoid vigorous handling of specimen. <u>Avoid hemolysis.</u> Separate serum from cells within 2 hours of collection. Separated serum is stable for 48 hours refrigerated at 2-8°C. |
| Required Requisition: | F40-A Specimen Submission Form |

SPECIMEN STORAGE AND STABILITY INSTRUCTIONS

- 1. Tubes of blood are to be kept closed at all times. It is recommended that the serum be physically separated from contact with cells within one hour from the time of collection. (Must be separated within 2 hrs of collection.)**
- 2. Separated serum should not remain at room temperature longer than 8 hours. If assays are not completed within 8 hours, serum should be stored at +2°C to +8°C. If assays are not completed within 48 hours, or the separated sample is to be stored beyond 48 hours, samples should be frozen at -15°C to -20°C. Frozen samples should be thawed only once. Analyte deterioration may occur in samples that are repeatedly frozen and thawed.**

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|---|--|
| Test Name: | GLUCOSE (BLOOD SUGAR, FASTING BLOOD SUGAR, FBS) |
| Patient Preparation: | Patient must be fasting for 8-12 hours, unless non-fasting state is acceptable for physician. |
| Specimen Requirement: | Serum, 2 ml |
| Special Timing for Collection: | Fasting specimen preferred unless timed specimen or random requested |
| Preservative or Anticoagulant: | SST Tube preferred (Gold or Red/Gray) |
| Transportation Requirements/Storage: | Avoid vigorous handling of specimen. <u>Avoid hemolysis.</u> Separate serum from cells within 2 hours of collection. Separated serum is stable for 48 hours refrigerated at 2-8°C. |
| Required Requisition: | F40-A Specimen Submission Form |

SPECIMEN STORAGE AND STABILITY INSTRUCTIONS

- 1. Tubes of blood are to be kept closed at all times. It is recommended that the serum be physically separated from contact with cells within one hour from the time of collection. (Must be separated within 2 hrs of collection.)**
- 2. Separated serum should not remain at room temperature longer than 8 hours. If assays are not completed within 8 hours, serum should be stored at +2°C to +8°C. If assays are not completed within 48 hours, or the separated sample is to be stored beyond 48 hours, samples should be frozen at -15°C to -20°C. Frozen samples should be thawed only once. Analyte deterioration may occur in samples that are repeatedly frozen and thawed.**

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|---|---|
| Test Name: | Hgb A1c |
| Patient Preparation: | None required |
| Specimen Requirement: | EDTA (whole blood) |
| Special Timing for Collection: | None required |
| Preservative or Anticoagulant: | Lavender/Purple Top Tube (whole blood) |
| Transportation Requirements/Storage: | Sample stable for 7 days at 2-8°C. Sample stable for 6 months if frozen at <-20°C (Freeze only once). |
| Required Requisition: | F40-A Specimen Submission Form |

SPECIMEN STORAGE AND STABILITY INSTRUCTIONS

- 1. Tubes of blood are to be kept closed at all times.**
- 2. Whole blood samples should not remain at room temperature longer than 8 hours. If assays are not completed within 8 hours, samples should be stored at +2°C to +8°C no longer than 7 days. If assays are not completed within 7 days, or the sample is to be stored beyond 7 days, samples should be frozen at -15°C to -20°C. Frozen samples are stable for 3 months and should be thawed only once. Analyte deterioration may occur in samples that are repeatedly frozen and thawed.**