Compiled Tech Responses: Titer Exercise, February 2014

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| **Scenario** | **Battery Ordered** | **Tests performed** |
| **1st prenatal** sample tested in TSL, Single antibody | PREN | ABD, AS, ABI, AGI, TITER, DATOPOS, AB Screen 3+, anti-E, E neg, DAT neg, titer 16 |

**Findings: Scenario 1 – Single Titer**

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| --- | --- |
| ;anti E=16 | 13 |
| ;anti E = 16 (with date) | 1 |

* Adding the date to the titer isn’t wrong but it isn’t required per SOP.

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| **Scenario** | **Battery Ordered** | **Tests performed** |
| **2nd prenatal** sample tested in TSL | ABSCR | Titer, repeat titer of 1st sample (if available), ABI (for repanel), Antibody Screen 4+Anti-E, titer = 64, repeat of 1st = 16 |

**Findings: Scenario 2 – titer and repeat of frozen sample**

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| ;anti E=64 (TTR) | 13 | **Added TTR2 test** |
| ;anti E = 64 (with date) | 1 |
| ;anti E=16 No date of Testing | 4 | **1** |
| ;anti E = 16 with Date | 8 |

* **4 reporting errors: date of frozen sample is required on the TTRRP**
* **1 billing error: tech charged for a 2nd titer on the frozen sample. This is illegal.**

Using the same patient, add a 2nd antibody. No frozen samples to run in parallel

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| **Scenario** | **Battery Ordered** | **Tests performed** |
| **Prenatal** sample tested in TSL, Multiple antibodies | PREN | ABD, AS, ABI, AGI, TITER, DATANEG, Antibody Screen 3+, anti-E, -K, K neg, DAT neg, Anti-E titer 16, anti-K titer Undiluted |

**Findings: Scenario 3 – 2 antibodies titered**

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| --- | --- | --- |
|  |  | Added TTR2 test |
| ;anti E=16-;anti K=UNDILUTED **\*\*** | 4 | 10 |
| ;anti E = 16, anti K = UNDILUTED | 9 |
| ;anti E=16, anti-K = UNDILUTED (with date) | 1 |

* **\*\*** Dash shows these 4 entry techs tabbed down to enter 2nd result. SOP was written to eliminate this dash as it may be confusing in the downstream report (which none of us have viewed.)
* Only 10 of 14 techs billed correctly. TTR2 is required to bill for the 2nd titer.
* Adding the date to the titer isn’t wrong but it isn’t required per SOP.