

| Patient Type                    | Ordered by Clinician in Epic                                      | Battery to order in HistoTrac if unsolicited order (not in Epic) | HistoTrac Order Code and Related Reports                          |
|---------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|
| Patient; Renal; New             | LR HLA Typing (Class I and Class II)                              | Renal Typing, Recipient Low Resolution                           | R-T-SSO-ABCRQP                                                    |
|                                 |                                                                   |                                                                  | <b>For Recipient:</b> Z-T-SOReport, HLA Solid Organ Typing Report |
|                                 | Antibody Screen - PRA (Class I and Class II)                      | Renal Antibody Screen, PRA                                       | R-A-LumPRA1                                                       |
|                                 |                                                                   |                                                                  | R-A-LumPRA2                                                       |
|                                 | Antibody Screen - SAB (Class I and Class II)                      | Renal Antibody Screen, SA PRE                                    | <b>HLA Pre-Transplant Cumulative Antibody Report</b>              |
|                                 |                                                                   |                                                                  | R-A-LumSA1Pre                                                     |
|                                 |                                                                   |                                                                  | R-A-LumSA2Pre                                                     |
| Patient; Renal; Pre-Transplant  | Antibody Screen by PRA or SAB per schedule (Class I and Class II) | Renal Antibody Screen, PRA                                       | R-A-LumPRA1                                                       |
|                                 |                                                                   |                                                                  | R-A-LumPRA2                                                       |
|                                 |                                                                   |                                                                  | <b>HLA Pre-Transplant Cumulative Antibody Report</b>              |
|                                 |                                                                   | Renal Antibody Screen, SA PRE                                    | R-A-LumSA1Pre                                                     |
|                                 |                                                                   |                                                                  | R-A-LumSA2Pre                                                     |
|                                 |                                                                   |                                                                  | <b>HLA Pre-Transplant Cumulative Antibody Report</b>              |
|                                 | HLA Crossmatch, Allo                                              | Renal Crossmatch, Allo                                           | R-C-CytoAllo, <b>HLA Crossmatch Report</b>                        |
|                                 |                                                                   |                                                                  | R-C-CytoAlloDTT, <b>HLA Crossmatch Report</b>                     |
|                                 |                                                                   |                                                                  | R-C-FlowAllo, <b>HLA Crossmatch Report</b>                        |
|                                 | HLA Crossmatch, Auto                                              | Renal Crossmatch, Auto                                           | R-C-CytoAuto, <b>HLA Crossmatch Report</b>                        |
|                                 |                                                                   |                                                                  | R-C-CytoAutoDTT, <b>HLA Crossmatch Report</b>                     |
|                                 |                                                                   |                                                                  | R-C-FlowAuto, <b>HLA Crossmatch Report</b>                        |
| Patient; Renal; Post-Transplant | Antibody Screen - DSA (Class I and Class II)                      | Renal Antibody Screen, SA Post/DSA                               | R-A-LumSA1DSA                                                     |
|                                 |                                                                   |                                                                  | R-A-LumSA2DSA                                                     |
|                                 |                                                                   |                                                                  | <b>R-A-LumDSAInt, HLA Donor Specific Antibody Report</b>          |

|                                                                      |                                              |                                                                                                                                                                                                                                                                         |                                                                                            |
|----------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Donor; Renal; Pre-Transplant                                         | LR HLA Typing (Class I and Class II)         | Renal Typing, Living Donor Low Resolution                                                                                                                                                                                                                               | R-T-SSO-ABCRQP                                                                             |
|                                                                      |                                              |                                                                                                                                                                                                                                                                         | <b>Have to add on manually to RECIPIENT: Z-T-SOReport, HLA Solid Organ Typing Report</b>   |
|                                                                      | HLA Crossmatch, Donor                        | This is just the collection order for the donor XM blood samples. Lab will mark in Cerner that we receive donor specimen(s), which will update Epic so Clinicians can see. Then we will document the samples in HistoTrac, but there is no corresponding HT test order. |                                                                                            |
| Patient; Non-Renal; Heart, Lung, Liver, or Pancreas; New             | LR HLA Typing (Class I and Class II)         | Nonrenal Typing, Recipient Low Resolution                                                                                                                                                                                                                               | N-T-SSO-ABCRQP                                                                             |
|                                                                      |                                              |                                                                                                                                                                                                                                                                         | <b>For Recipient: Z-T-SOReport, HLA Solid Organ Typing Report</b>                          |
|                                                                      | Antibody Screen - SAB (Class I and Class II) | Nonrenal Antibody Screen, SA PRE                                                                                                                                                                                                                                        | N-A-LumSA1Pre<br>N-A-LumSA2Pre<br><b>HLA Pre-Transplant Cumulative Antibody Report</b>     |
| Patient; Non-Renal; Heart, Lung, Liver, or Pancreas; Pre-Transplant  | Antibody Screen - SAB (Class I and Class II) | Nonrenal Antibody Screen, SA PRE                                                                                                                                                                                                                                        | N-A-LumSA1Pre<br>N-A-LumSA2Pre<br><b>HLA Pre-Transplant Cumulative Antibody Report</b>     |
|                                                                      | HLA Crossmatch, Allo                         | Nonrenal Crossmatch, ALLO                                                                                                                                                                                                                                               | N-C-CytoAllo, <b>HLA Crossmatch Report</b>                                                 |
|                                                                      |                                              |                                                                                                                                                                                                                                                                         | N-C-CytoAlloDTT, <b>HLA Crossmatch Report</b>                                              |
|                                                                      |                                              |                                                                                                                                                                                                                                                                         | N-C-FlowAllo, <b>HLA Crossmatch Report</b>                                                 |
|                                                                      | HLA Crossmatch, Auto                         | Nonrenal Crossmatch, AUTO                                                                                                                                                                                                                                               | N-C-CytoAuto, <b>HLA Crossmatch Report</b>                                                 |
|                                                                      |                                              |                                                                                                                                                                                                                                                                         | N-C-CytoAutoDTT, <b>HLA Crossmatch Report</b>                                              |
|                                                                      |                                              |                                                                                                                                                                                                                                                                         | N-C-FlowAuto, <b>HLA Crossmatch Report</b>                                                 |
| Patient; Non-Renal; Heart, Lung, Liver, or Pancreas; Post-Transplant | Antibody Screen - DSA (Class I and Class II) | Nonrenal Antibody Screen, SA Post/DSA                                                                                                                                                                                                                                   | N-A-LumSA1DSA<br>N-A-LumSA2DSA<br><b>N-A-LumDSAInt, HLA Donor Specific Antibody Report</b> |
| Donor; Non-Renal; Heart, Lung, Liver, Pre-Transplant                 | LR HLA Typing (Class I and Class II)         |                                                                                                                                                                                                                                                                         | N-T-SSO-ABCRQP                                                                             |

|                                                     |                                              |                                             |                                                                                                       |
|-----------------------------------------------------|----------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Patient; Bone Marrow; Pre-Transplant                | LR HLA Typing (Class I and Class II)         | Bone Marrow Typing, Recipient, Initial      | N-T-SSO-ABCRQb                                                                                        |
|                                                     |                                              |                                             | <b>For Recipient:</b> Z-T-HSCReport, HLA Hematopoietic Stem Cell Typing Report                        |
|                                                     | HR HLA Typing (Class I and Class II)         |                                             | N-T-SBT-ABCRQ                                                                                         |
|                                                     | Antibody Screen - SAB (Class I and Class II) | Bone Marrow Antibody Screen, SA PRE         | N-A-LumSA1Pre                                                                                         |
|                                                     |                                              |                                             | N-A-LumSA2Pre                                                                                         |
|                                                     |                                              |                                             | <b>HLA Pre-Transplant Cumulative Antibody Report</b>                                                  |
| Donor (Haplo); Bone Marrow; Pre-Transplant          | LR HLA Typing (Class I and Class II)         | Bone Marrow Typing, Donor, Haplo            | N-T-SSO-ABCRQb                                                                                        |
|                                                     | HR HLA Typing (Class II)                     |                                             | N-T-SBT-RQ                                                                                            |
|                                                     |                                              |                                             | <b>Have to add on manually to RECIPIENT:</b> Z-T-HSCReport, HLA Hematopoietic Stem Cell Typing Report |
| Donor (related); Bone Marrow; Pre-Transplant        | LR HLA Typing (Class I and Class II)         | Bone Marrow Typing, Donor, Related, Initial | N-T-SSO-ABR                                                                                           |
|                                                     |                                              |                                             | <b>Have to add on manually to RECIPIENT:</b> Z-T-HSCReport, HLA Hematopoietic Stem Cell Typing Report |
| Donor (NDMP/unrelated); Bone Marrow; Pre-Transplant | LR HLA Typing (Class I and Class II)         | Bone Marrow Typing, Donor, Unrelated/NMDP   | N-T-SSO-ABCRQb                                                                                        |
|                                                     | HR HLA Typing (Class I and Class II)         |                                             | N-T-SBT-ABCRQ                                                                                         |
|                                                     |                                              |                                             | <b>Have to add on manually to RECIPIENT:</b> Z-T-HSCReport, HLA Hematopoietic Stem Cell Typing Report |
| Patient; Bone Marrow; Pre-Transplant                | HLA Confirmatory Typing                      | Bone Marrow Typing, Recipient, Confirmatory | N-T-SSO-AB Conf                                                                                       |
|                                                     |                                              |                                             | <b>For recipient:</b> Z-T-HSCReport, HLA Hematopoietic Stem Cell Typing Report                        |

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|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Donor; Bone Marrow; Pre-Transplant            | HLA Confirmatory Typing                                                                                        | Bone Marrow Typing, Donor, Confirmatory           | N-T-SSO-AB Conf                                                                                       |
|                                               |                                                                                                                |                                                   | <b>Have to add on manually to RECIPIENT: Z-T-HSCReport, HLA Hematopoietic Stem Cell Typing Report</b> |
| Transfusion Medicine; Platelet Refractoriness | HLA Typing (HLA-A, HLA-B)                                                                                      | Platelet Typing                                   | N-T-SSO-AB                                                                                            |
|                                               | Antibody Screen - SAB (Class I)                                                                                | Platelet Antibody Screen                          | N-A-LumSA1Pre                                                                                         |
| Transfusion Medicine; TRALI workup            | Patient HLA typing (Class I and Class II)                                                                      | TRALI Typing                                      | N-T-SSO-ABCRQP                                                                                        |
|                                               | Antibody Screen - SAB (Class I and Class II)                                                                   | TRALI Antibody Screen                             | N-A-LumSA1Pre                                                                                         |
|                                               |                                                                                                                |                                                   | N-A-LumSA2Pre                                                                                         |
| Disease association                           | HLA-A*29 typing for uveitis and birdshot retinopathy                                                           | No Batteries for these. Just order specific test. | D-T-SSO-A29                                                                                           |
|                                               | HLA-B*27 typing for ankylosing spondylitis                                                                     |                                                   | D-T-SSO-B27                                                                                           |
|                                               | HLA-B*51 typing for Behcet's disease                                                                           |                                                   | D-T-SSO-B51                                                                                           |
|                                               | HLA-B*15:02 typing for carbamazepine hypersensitivity                                                          |                                                   | D-T-SSO-B15                                                                                           |
|                                               | HLA-B*57:01 typing for abacavir hypersensitivity                                                               |                                                   | D-T-SSO-B57                                                                                           |
|                                               | HLA-B*58:01 typing for allopurinol hypersensitivity                                                            |                                                   | D-T-SSO-B58                                                                                           |
|                                               | HLA-DQB1*06:02 typing for narcolepsy                                                                           |                                                   | D-T-SSO-DQ6                                                                                           |
|                                               | HLA-DR3~DQ2/DQ8 typing for celiac disease                                                                      |                                                   | D-T-SSO-Celiac                                                                                        |
|                                               | HLA typing for cancer immunotherapy (requires user input for locus and resolution)                             |                                                   | Lab orders appropriate loci                                                                           |
|                                               | HLA Typing for Disease Association, Provider Specified (requires user input for allele and associated disease) |                                                   | Lab orders appropriate loci                                                                           |

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