Desmoplastic Small Round Cell Tumor (DSRCT) by Reverse Transcriptase PCR (RT-PCR), Paraffin

Reporting Title: DSRCT, RT-PCR, Paraffin

Performing Location: Rochester

Specimen Requirements:

A pathology/diagnostic report and a brief history are required.

Specimen Type:

Preferred: Formalin-fixed, paraffin-embedded (FFPE) tissue.

Acceptable: Unstained slides; slides may be stained and/or scraped

Collection Instructions:

- 1. Process all fresh or frozen specimens into FFPE blocks prior to submission.
- 2. When a FFPE block is not available or processing cannot be performed, a frozen specimen shipped on dry ice will be accepted and will be processed by the laboratory into a FFPE block prior to testing.
- 3. If submitting slides, a minimum of ten, 4- to 5-micron thick, unstained slides are required.

Additional Information:

- 1. A quality specimen is essential for evaluation. Submit only tissue containing tumor cells; minimal tissue is required for evaluation.
- 2. Special stains performed outside Mayo Medical Laboratories and included with the case may be repeated and charged at the reviewing pathologist's discretion. Testing requested by the referring physician may not be performed if deemed unnecessary by Mayo Clinic pathologist.

| Specimen Type | Temperature | Time |
|---------------|---------------------|------|
| Varies | Ambient (preferred) | |
| | Refrigerated | |

Ask at Order Entry (AOE) Questions:

| Test ID | Question ID | Description | Туре | Reportable |
|---------|-------------|---|-------------|------------|
| 83656 | Q0000152 | Reason for referral (83656)?: • Ewing Sarcoma (ES)/Primitive Neuroectodermal Tumors (PNET) • Other (type in Performing Lab Notes) | Answer List | No |
| 83656 | Q0000023 | Physician Phone Number? | Plain Text | No |
| 83656 | Q0000025 | Contact physician name? | Plain Text | No |

Desmoplastic Small Round Cell Tumor (DSRCT) by Reverse Transcriptase PCR (RT-PCR), Paraffin

Result Codes:

| Result ID | Reporting Name | Туре | Unit | LOINC® |
|-----------|-------------------------|------|------|------------|
| 83365 | DSRCT, RT-PCR, Paraffin | | | In Process |

Components:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|--------------|---|-----------|----------|---------------------|-------------------------|
| Billing only | enzymatic digestion | 1 | 83892 | | |
| Billing only | lysis of cells prior to nucleic acid extraction | 1 | 83907 | | |
| Billing only | Molecular diagnostics, nucleic acid probe, each | 2 | 83896 | | |
| Billing only | Interpretation and report | 1 | 83912 | | |
| Billing only | Separation by gel electro | 1 | 83894 | | |
| Billing only | Isolation or Ext nuc acid | 1 | 83891 | | |
| Billing only | Reverse transcription | 1 | 83902 | | |
| Billing only | Amp of pt nucleic acid | 1 | 83898 | | |

Reflex Tests:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|-------------------------------------|-----------|----------|---------------------|-------------------------|
| 60254 | AP Special Studies Review | | | Yes | No |
| 83656 | EWSR1, 22q12, FISH | | Profile | No | Yes |
| 5439 | Surgical Pathology Consultation | | | Yes | No |
| 86113 | Path Consult, w/Comp Rvw of History | 1 | 88325 | No | No |
| 83614 | Path Consult, Outside Slide | 1 | 88321 | No | No |
| 88323 | Path Consult, w/Slide Prep | 1 | 88323 | No | No |

Desmoplastic Small Round Cell Tumor (DSRCT) by Reverse Transcriptase PCR (RT-PCR), Paraffin

Result Codes for Reflex Tests:

| Test ID | Result ID | Reporting Name | Туре | Unit | LOINC® |
|---------|-----------|---------------------------------|------|------|------------|
| 60254 | 20365 | Accession Number | | | In Process |
| 60254 | 20366 | Referring Pathologist/Physician | | | 46608-6 |
| 60254 | 20367 | Ref Path/Phys Address | | | In Process |
| 60254 | 20368 | Place of Death: | | | 21987-3 |
| 60254 | 20369 | Date and Time of Death: | | | 31211-6 |
| 60254 | 20370 | Date of Autopsy: | | | In Process |
| 60254 | 20371 | Specimen: | | | 31208-2 |
| 60254 | 20372 | Material: | | | In Process |
| 60254 | 20373 | Tissue Description: | | | 22634-0 |
| 60254 | 20374 | Microscopic Description: | | | In Process |
| 60254 | 20375 | Clinical History: | | | In Process |
| 60254 | 20376 | Final Diagnosis: | | | 34574-4 |
| 60254 | 20377 | Final Diagnosis: | | | 34574-4 |
| 60254 | 20378 | Comment: | | | 22638-1 |
| 60254 | 20379 | Revision Description: | | | In Process |
| 60254 | 20380 | Signing Pathologist: | | | 19139-5 |
| 60254 | 20381 | Special Procedures: | | | N/A |
| 60254 | 20382 | SP Signing Pathologist: | | | N/A |
| 60254 | 20383 | *Previous Report Follows* | | | In Process |
| 60254 | 20384 | Addendum: | | | 35265-8 |
| 60254 | 20385 | Addendum Comment: | | | 22638-1 |
| 60254 | 20386 | Addendum Pathologist: | | | 19139-5 |
| 83656 | 19337 | Accession Number | | | In Process |
| 83656 | 19338 | Referring Pathologist/Physician | | | 46608-6 |
| 83656 | 19339 | Ref Path/Phys Address | | | In Process |
| 83656 | 19340 | Material: | | | In Process |
| 83656 | 19341 | Specimen: | | | 31208-2 |
| 83656 | 19342 | Microscopic Description: | | | In Process |
| 83656 | 19343 | Special Studies: | | | In Process |



Desmoplastic Small Round Cell Tumor (DSRCT) by Reverse Transcriptase PCR (RT-PCR), Paraffin

| Test ID | Result ID | Reporting Name | Туре | Unit | LOINC® |
|---------|-----------|---------------------------------|--------------|------|------------|
| 83656 | 19344 | Final Diagnosis: | | | 34574-4 |
| 83656 | 19345 | Comment: | | | In Process |
| 83656 | 19346 | Revision Description: | | | In Process |
| 83656 | 19347 | Signing Pathologist: | | | 19139-5 |
| 83656 | 19348 | Special Procedures: | | | N/A |
| 83656 | 19349 | SP Signing Pathologist: | | | N/A |
| 83656 | 19350 | *Previous Report Follows* | | | In Process |
| 83656 | 19351 | Addendum: | | | 35265-8 |
| 83656 | 19352 | Addendum Comment: | | | 22638-1 |
| 83656 | 19353 | Addendum Pathologist: | | | 19139-5 |
| 5439 | 18522 | Accession Number | | | In Process |
| 5439 | 18523 | Referring Pathologist/Physician | | | 46608-6 |
| 5439 | 18524 | Ref Path/Phys Address | | | In Process |
| 5439 | 18525 | Place of Death: | | | 21987-3 |
| 5439 | 18526 | Date and Time of Death: | | | 31211-6 |
| 5439 | 18527 | Date of Autopsy: | | | In Process |
| 5439 | 18528 | Specimen: | Alphanumeric | | 31208-2 |
| 5439 | 18529 | Material: | | | In Process |
| 5439 | 18530 | Tissue Description: | | | 22634-0 |
| 5439 | 18531 | Microscopic Description: | | | In Process |
| 5439 | 18532 | Clinical History: | | | In Process |
| 5439 | 18533 | Final Diagnosis: | | | 34574-4 |
| 5439 | 18992 | Final Diagnosis: | | | 34574-4 |
| 5439 | 18534 | Comment: | | | In Process |
| 5439 | 18535 | Revision Description: | | | In Process |
| 5439 | 18536 | Signing Pathologist: | | | In Process |
| 5439 | 18537 | Special Procedures: | | | N/A |
| 5439 | 18538 | SP Signing Pathologist: | | | N/A |
| 5439 | 18539 | *Previous Report Follows* | | | In Process |
| 5439 | 18540 | Addendum: | | | 35265-8 |
| 5439 | 19191 | Addendum Comment: | Alphanumeric | | 22638-1 |



Desmoplastic Small Round Cell Tumor (DSRCT) by Reverse Transcriptase PCR (RT-PCR), Paraffin

| Test ID | Result ID | Reporting Name | Туре | Unit | LOINC® |
|---------|-----------|-----------------------|------|------|---------|
| 5439 | 18541 | Addendum Pathologist: | | | 19139-5 |

Reference Values:

Negative