



<u>Procedure</u>	<u>Result</u>	<u>Units</u>	<u>Ref Interval</u>	<u>Accession</u>	<u>Collected</u>	<u>Received</u>	<u>Reported/</u> <u>Verified</u>
SS18 FISH Result	Positive f			18-360-900046	26-Dec-18 13:39:00	26-Dec-18 13:39:00	26-Dec-18 13:47:49
SS18 FISH Reference Number	S18-123			18-360-900046	26-Dec-18 13:39:00	26-Dec-18 13:39:00	26-Dec-18 13:47:49
SS18 FISH Source	Tissue			18-360-900046	26-Dec-18 13:39:00	26-Dec-18 13:39:00	26-Dec-18 13:47:49
Total Cell Count	100			18-360-900046	26-Dec-18 13:39:00	26-Dec-18 13:39:00	26-Dec-18 13:47:49
Scoring Method	Manual			18-360-900046	26-Dec-18 13:39:00	26-Dec-18 13:39:00	26-Dec-18 13:47:49

26-Dec-18 13:39:00 SS18 FISH Result:

This result has been reviewed and approved by Georgios Deftereos, M.D. Controls performed as expected.

26-Dec-18 13:39:00 SS18 FISH Result:

**METHODOLOGY AND TEST INFORMATION:**

Fluorescence in situ hybridization (FISH) analysis was performed on a section from a paraffin embedded tissue block using differentially labeled fluorescent probes targeting the upstream (5') and downstream (3') flanking regions of the SS18 (SYT) gene (Abbott Molecular). Cells were evaluated from regions of tumor identified on histopathologic review of a matching hematoxylin and eosin stained section. Controls performed appropriately.

This test is designed to detect rearrangements involving the SS18 (SYT) gene, but it does not identify a specific partner gene. An abnormal signal pattern seen in 25 percent or more of the tumor cells evaluated is considered a positive result. Identification of a rearrangement of the SS18 gene is useful in the diagnosis of synovial sarcoma.

**Reference:**

Fletcher DM, Bridge JA, Hogendoorn P, Mertens F, Eds. WHO Classification of Tumours of Soft Tissue and Bone, 4th Ed. Lyon: IARC, 2013.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS.

\* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab