

Insulin-like Growth Factor with Z-Score

April 26, 2021

WHAT HAS OCCURRED

Effective May 4, 2021, Pacific Diagnostic Laboratories (PDL) will be reporting the calculated Z-score for pediatric patients as part of the test results for Insulin-like Growth Factor 1 (IGF-1).

BACKGROUND

Insulin-like growth factor-1 (IGF-1) is a hormone that, along with growth hormone (GH), helps promote normal bone and tissue growth and development. Measuring IGF-1 is useful in assessing and managing growth-related disorders.

A Z-score is the number of standard deviations a given result is above (positive score) or below (negative score) specific to the age and sex adjusted population mean. Results that are within the IGF-1 reference interval will have a Z-score between -2.0 and + 2.0.

In order to calculate the Z-score, both patient age and sex are required on the test order.

Specimen Requirements have not changed.

NEXT STEPS

- PDL will begin reporting the Z-score on pediatric specimens submitted for IGF-1 testing on Tuesday May 4, 2021.
- Your Electronic Medical Record (EMR) may need to be updated to accept the new result field for the Z-Score.

Test Name	Order Code	Test Code	CPT	CDM
IGF-1 WITH Z-SCORE	LAB9918	1230114406	84305	30100433
Result Name	Result Code	LOINC		
IGF-1	1230011115	2484-4		
Z-Score	1230018637	73561-3		

FOR ADDITIONAL QUESTIONS PLEASE CONTACT PDL CLIENT SERVICES AT (805) 879-8100