Prader-Willi syndrome DNA (PWS)

Order Name: **PRADR DNA**
Test Number: 5591575
Revision Date: 10/01/2022

TEST NAME	METHODOLOGY	LOINC CODE
Prader-Willi syndrome DNA (PWS)	DNA methylation analysis	

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**5mL (3mL)**	**Whole Blood**	**EDTA (Lavender Top)**	**Room Temperature**

GENERAL INFORMATION

Testing Schedule	Mon-Fri
Expected TAT	1-2 Weeks
Clinical Use	Prader-Willi syndrome (PWS) is characterized by neonatal hypotonia and failure to thrive, early childhood-onset hyperphagia with resulting obesity, short stature, small hands and feet, hypogonadotropic hypogonadism and mental retardation. The majority of patients (70%) have interstitial deletions of the paternal chromosome 15 (q11.2-q13). Approximately 26% have maternal uniparental disomy (UPD), 2% have chromosome 15 translocations, and 2% have mutations of the imprint control region.
Notes	Prader-Willi syndrome (PWS) DNA methylation analysis can be included in the Hypotonia Panel with myotonic dystrophy (DM) and Spinal muscular atrophy (SMA) analysis to expedite diagnosis. Please submit Pre-Authorization form when the patient has United Healthcare insurance.
CPT Code(s)	**(Pre-Authorization Required)** 81331
Lab Section	Reference Lab