Test Definition: MAFP

Alpha-Fetoprotein (AFP), Single Marker Screen, Maternal, Serum

Reporting Title: AFP SINGLE MARKER SCRN, MATERNAL, S
Performing Location: Rochester

Specimen Requirements:

Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Specimen Volume: 1 mL
Collection Instructions:
1. Do not draw specimen after amniocentesis, as this could affect results.
2. Immediately spin down.
Additional Information:
1. Draw blood between 15 weeks, 0 days and 22 weeks, 6 days.
2. Initial or repeat testing is determined in the laboratory at the time of report and will be reported accordingly. To be considered a repeat test for the patient, the testing must be within the same pregnancy and trimester, with interpretable results for the same test, and both tests are performed at Mayo Clinic.
Forms: Second Trimester Maternal Screening Alpha-Fetoprotein (AFP)/QUAD Screen Patient Information Sheet (Supply T595) is required in Special Instructions.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	7 days
	Frozen	90 days

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
MAFP	ESTDD	Patient's Estimated Due Date (EDD)	Plain Text	No
MAFP	MTHOD	Method Used to Determine EDD	Plain Text	No
MAFP	MTWT	Patient Weight	Plain Text	No
MAFP	LBKGS	Units (lbs or kg)	Plain Text	No
MAFP	IDD	Insulin dependent diabetes: • None • Diabetic	Answer List	Yes
MAFP	RACE	Black race: • Black • non-Black	Answer List	Yes

Test ID	Question ID	Description	Type	Reportable
MAFP	MULTF	Number of Fetuses: • 1 • 2 • 3 or more	Answer List	Yes
MAFP	CHOR_	Number of Chorions: • Monochorionic • Dichorionic • Unknown • Not applicable	Answer List	No
MAFP	IVFP	IVF pregnancy: • No • Yes	Answer List	Yes
MAFP	EGGDR	IVF Egg Donor Date of Birth	Plain Text	No
MAFP	EGGFR	IVF Egg or Embryo Freeze Date	Plain Text	No
MAFP	PRHIS	Prev Down (T21) / Trisomy Pregnancy: • No • Yes • Unknown • If MAFP - Not applicable	Answer List	No
MAFP	PRNTD	Prev Pregnancy w/ Neural Tube Defect: • No • Yes • Unknown	Answer List	No
MAFP	PTNTD	Patient or father of baby has a NTD: • No • Yes • Unknown	Answer List	No
MAFP	DRPHN	Physician Phone Number	Plain Text	No

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
7058	Recalculated Maternal Serum Screen **Also used by tests: QUAD**	Alphanumeric		43995-0
3009	Collection Date **Also used by tests: QUAD**	Alphanumeric		51953-8
7823	Birthdate **Also used by tests: QUAD**	Alphanumeric		21112-8

Result ID	Reporting Name	Type	Unit	LOINC®
7834	Calculated age at EDD **Also used by tests: QUAD**	Alphanumeric		43993-5
26717	Maternal Weight **Also used by tests: QUAD**	Numeric	lbs	29463-7
26718	Maternal Weight **Also used by tests: QUAD**	Alphanumeric	kg	29463-7
IDD	Insulin dependent diabetes **Also used by tests: QUAD**	Alphanumeric		33248-6
RACE	Black race **Also used by tests: QUAD**	Alphanumeric		32624-9
MULTF	Number of Fetuses **Also used by tests: QUAD**	Alphanumeric		55281-0
IVFP	IVF pregnancy **Also used by tests: QUAD**	Alphanumeric		47224-1
7816	Gestation (GA) by U/S **Also used by tests: QUAD**	Alphanumeric	wk,d	11888-5
7817	Date of U/S **Also used by tests: QUAD**	Alphanumeric		34970-4
10054	EDD by U/S scan **Also used by tests: QUAD**	Alphanumeric		In Process
2907	Last Menstrual Period (LMP) **Also used by tests: QUAD**	Alphanumeric		8665-2
7753	EDD by LMP **Also used by tests: QUAD**	Alphanumeric		11779-6
7206	Gestation (GA) by dates **Also used by tests: QUAD**	Alphanumeric	wk,d	11885-1
7200	Date of estimate **Also used by tests: QUAD**	Alphanumeric		In Process
7201	Gestation (GA) by physical exam **Also used by tests: QUAD**	Alphanumeric	wk	11884-4

Result ID	Reporting Name	Type	Unit	LOINC®
7202	Date of physical exam **Also used by tests: QUAD**	Alphanumeric		N/A
7203	GA on collection by U/S scan **Also used by tests: QUAD**	Alphanumeric	wk,d	11888-5
7204	GA on collection by dates **Also used by tests: QUAD**	Alphanumeric	wk,d	11885-1
7205	GA on collection by physical exam **Also used by tests: QUAD**	Alphanumeric	wk	11884-4
7830	GA used in risk estimate **Also used by tests: QUAD**	Alphanumeric		21299-3
10351	AFP **Also used by tests: QUAD**	Alphanumeric		31993-9
10356	INTERPRETATION **Also used by tests: QUAD**	Alphanumeric		59462-2
10248	Additional comments **Also used by tests: QUAD**	Alphanumeric		55107-7
10357	RECOMMENDED FOLLOW UP **Also used by tests: QUAD**	Alphanumeric		N/A
10358	GENERAL TEST INFORMATION **Also used by tests: QUAD**	Alphanumeric		62364-5
32284	Other Information **Also used by tests: QUAD**	Alphanumeric		52535-2

CPT Code: 1 × 82105

Reference Values:

NEURAL TUBE DEFECTS
An AFP multiple of the median (MoM) <2.5 is reported as screen negative. AFP MoMs > or =2.5 (singleton and twin pregnancies) are reported as screen positive.

An interpretive report will be provided.