

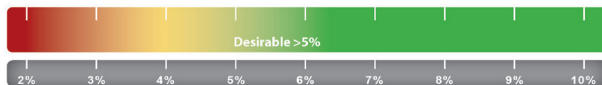


Testing Options



Healthcare providers may contact OmegaQuant to offer testing in their clinics. Individuals may order tests directly from prenataldhatest.com as outlined below:

- 1. ORDER TEST:** Visit prenataldhatest.com to order at-home test kit.
- 2. COLLECT SAMPLE:** Follow simple instructions to collect a blood sample.
- 3. MAIL SAMPLE:** Mail the sample back to one of our labs with the pre-paid envelope.
- 4. GET RESULTS:** Within about 2 weeks, results will be sent electronically.



Only 1 drop of blood is needed for testing.

REFERENCES:

1. Jackson KH and Harris WS. 2018, *Nutrients*
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4. Middleton P et al. 2018, *Cochrane Reviews*
5. March of Dimes, 2018
6. Bisgaard H et al. 2016 *New England Journal of Medicine*
7. Braarud HC et al. 2018, *Nutrients*
8. Markhus MW et al. 2013, *Plos One*
9. Dunstan JA et al. 2007 *Pediatric Research*

Why OmegaQuant?

OmegaQuant Analytics, LLC is a CLIA-certified laboratory offering the original omega-3 status test, the Omega-3 Index, to consumers, health care providers and industry. OmegaQuant was founded in 2009 by Dr. Bill Harris, the co-inventor of the Omega-3 Index. He is an internationally recognized expert in omega-3 research, has over 275 scientific papers in the field, and has been the recipient of the five NIH grants for studies on the effects of omega-3 fatty acids and health. OmegaQuant has expanded globally with laboratories in Australia and the United Kingdom as well.

Our goal at OmegaQuant is to offer the highest quality fatty acid analytical services to researchers and to provide simple tests of nutritional status to consumers and patients, with the ultimate purpose of advancing the science and use of omega-3 fatty acids to improve health.

Visit omegaquant.com for more information

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Prenatal DHA Test™



Women with DHA levels greater than 5% are less likely to have early preterm birth

THE ORIGINAL
Omega-3 Test for Mom and Baby

Personalized nutrition for preconception, pregnancy, and lactation.



What is the Prenatal DHA Test?

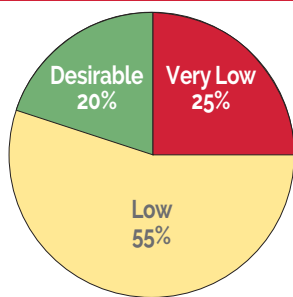
The Prenatal DHA Test is a blood test that measures the amount of DHA, an omega-3 fatty acid, in red blood cell membranes. Knowing a Prenatal DHA level is important because pregnant women with higher DHA blood levels are less likely to have early preterm birth. DHA also plays an important role in the baby's brain, eye and immune system development. Once a pregnant woman knows her Prenatal DHA level, her diet can be personalized with her healthcare provider to safely change her Prenatal DHA level in as little as 2-3 months.

MEASURE Eating fish or taking supplements does not guarantee a Prenatal DHA level will be in the desirable range - it must be measured.

MODIFY With the Prenatal DHA Test results, individuals and their healthcare providers will have the right information to personalize DHA intake.¹

MONITOR Confirm Prenatal DHA level has improved with dietary changes by re-testing after 2-3 months.

80% of US Women of Childbearing Age Have Low Prenatal DHA Levels¹



Prenatal DHA Levels	
<3%	Very Low
3-5%	Low
>5%	Desirable

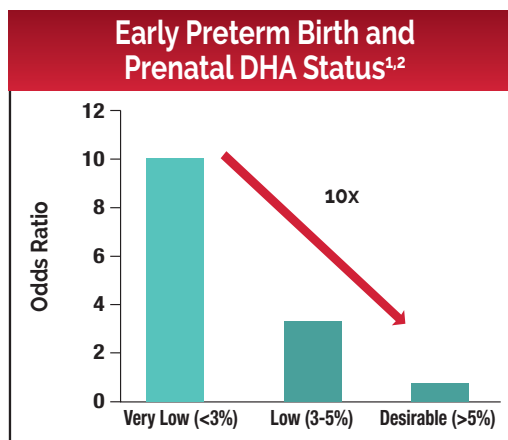
DHA During Pregnancy

- DHA is an essential nutrient for the proper development of the baby's brain, eyes and immune system.²
- The baby's only source of DHA while in the womb is directly from mom.²



Early preterm birth is less likely in women with higher Prenatal DHA levels.

- Pregnant women with DHA levels less than 3% were 10x more likely to have early preterm birth compared to women with higher DHA levels.³



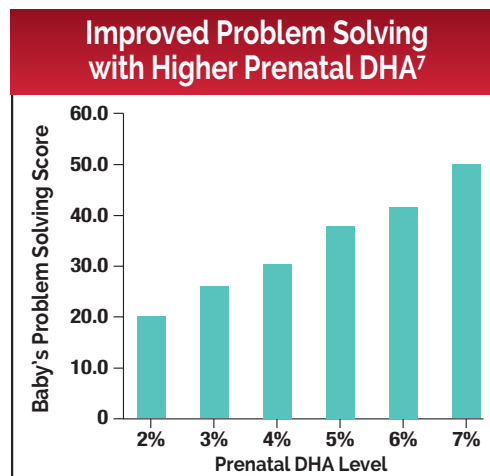
- Women who took a DHA supplement during pregnancy were 42% less likely to have early preterm birth compared to those who did not.⁴
- Preterm birth costs on average \$50,000 more than a normal birth in the US.⁵

Benefits of DHA for Baby and Mom



Higher DHA levels during pregnancy provide benefits throughout childhood

- Kids whose moms took DHA during pregnancy had lower rates of asthma at 3 years old compared to those who did not. This effect was strongest in moms with DHA levels <4.5% before starting supplementation.⁶
- Babies from moms who had higher DHA levels during pregnancy had better problem solving skills at 1 year.⁷



DHA is important for mom's health after birth.

- Women with DHA levels >5% during pregnancy had lower postpartum depression scores.⁸
- Higher Prenatal DHA levels are strongly correlated with higher breastmilk DHA levels during the first 6 weeks of lactation.⁹