

NIOX[®] reference values

Use this guide to find out the expected normal value in your patient. It is dependant on – if the patient is a smoker, has a respiratory infection or has an allergy. Your patient's height and sex also do influence the expected normal value.

Find out the expected normal value (ppb) in 4 steps:

1 Regular smoking in the last 4 weeks?	Non-Smoker				Smoker								
2 Respiratory infection in the last 4 weeks?	No Infection		With Infection		No Infection		With Infection						
3 Known allergic rhinitis?	No Allergy	With Allergy	No Allergy	With Allergy	No Allergy	With Allergy	No Allergy	With Allergy					
4 Height	155 cm	15	22	18	28	9	14	12	17				
	160 cm	16	18	24	28	10	12	15	17	12	14	18	21
	165 cm	17	20	25	29	11	13	16	18	13	15	19	23
	170 cm	18	21	26	31	11	13	16	19	14	16	20	24
	175 cm	19	22	28	32	12	14	17	20	14	17	21	25
	180 cm	20	23	29	34	12	14	18	21	15	18	23	26
	185 cm	21	24	31	36	13	15	19	23	16	19	24	28
	190 cm	22	25	32	38	14	16	20	24	17	20	25	29
	195 cm	27	40	33	50	17	25	21	31				

Infection = respiratory tract infections

Allergy = respiratory allergies, allergic rhinitis

Values are given as geometric mean. The Data is based on 897 subjects, primarily Caucasian, aged 34±13 years.

Adapted from Dressel H, de la Motte D, Reichert J, Ochmann U, Petru R, Angerer P, Holz O, Nowak D, Jörres RA. Exhaled nitric oxide: Independent effects of atopy, smoking, respiratory tract infection, gender and height. Respir Med. 2008 Apr 4.