

Table 4. Laboratory testing for constipation and warning signs for organic cause (based on current literature)^{1,7,11,12}.

Initial testing
Complete blood count
Urinalysis & urine culture
Thyroid function tests, calcium, electrolytes, magnesium, lead
Total IgE, RAST (milk, egg, fish, wheat)
Serological testing for celiac disease
Sweat test
Fecal occult blood test
Further investigation
Chest radiograph
Barium enema
Defecation proctography/defecography
Colonic manometry
Rectosigmoidal manometry
Rectal biopsy
Magnetic Resonance Imagine of lumbosacral part of the spine
Warning signs for organic constipation (red flags)
Symptom onset before 12 months of age
Delayed passage of meconium
Lack of fecal retention
Lack of fecal leakage (soiling)
Malnutrition
Empty rectal ampulla
Pigmentary abnormalities
Positive fecal occult blood test
Extraintestinal manifestations
Gallbladder diseases
Resistance to standard treatment