

## thyroid-hormone transaminase

Cat. No. EXWM-2865

Lot. No. (See product label)

### Introduction

**Description** A pyridoxal-phosphate protein. Acts on monoiodotyrosine, diiodotyrosine, triiodothyronine, thyroxine and dinitrotyrosine (unlike EC 2.6.1.24 diiodotyrosine transaminase, which does not act on dinitrotyrosine). Pyruvate or oxaloacetate can act as acceptors.

**Synonyms** 3,5-dinitrotyrosine transaminase; thyroid hormone aminotransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.6.1.26

**CAS No.** 51004-29-6

**Reaction** L-3,5,3'-triiodothyronine + 2-oxoglutarate = 3-[4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenyl]-2-oxopropanoate + L-glutamate

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.