

Prior Authorization DRUG Guidelines

**SUCRAID (Sacrosidase)**

Effective Date: 1/28/14

Date Developed: 1/28/14 by Catherine Sanders, MD

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Sacrosidase is a naturally occurring gastrointestinal enzyme derived from baker's yeast (*Saccharomyces cerevisiae*) which breaks down the disaccharide sucrose to its monosaccharide components glucose and fructose. Hydrolysis is necessary to allow absorption of these nutrients.

**Pre-Authorization Criteria:**

**Congenital sucrase-isomaltase deficiency:** Oral replacement therapy in sucrase deficiency, as seen in congenital sucrase-isomaltase deficiency (CSID)

**NOTE:** VCHCP requires that Sacrosidase be prescribed by a physician specializing in the condition being treated.

**NOTE:** Sucraid® is not available in retail pharmacies or via mail-order pharmacies. To obtain the product, please refer to <http://www.sucraid.net/how-to-order-sucraid> or call 1-866-740-2743.

**Dosing: Adult:**

**Congenital sucrase-isomaltase deficiency (CSID):** Oral: 17,000 units (2 mL) per meal or snack. Doses should be diluted with 2-4 oz of cold or room temperature water, or milk; avoid fruit juices or warm or hot food/liquids (may lower potency).

Approximately one-half of the dose should be taken before and the remainder of a dose taken during each meal or snack.

**Dosing: Pediatric:**

**Congenital sucrase-isomaltase deficiency (CSID):**

**Infants ≥5 months and Children ≤15 kg:** Oral: 8500 units (1 mL) per meal or snack. Doses should be diluted with 2-4 oz of cold or room temperature water, milk, or formula.

Approximately one-half of the dose should be taken before and the remainder of a dose taken during each meal or snack.

**Children >15 kg and Adolescents:** Refer to adult dosing.

**NOTE:** Dilute dose in 2-4 oz of cold or room temperature water, milk, or formula; avoid fruit juices or warm or hot food/liquids (may lower potency).

**Dosage Forms: U.S.:**

Solution, Oral: Sucraid: 8500 units/mL (118 mL) [contains papain; 50% glycerol]

**Adverse Reactions:**

Headache, insomnia, nervousness, dehydration, abdominal pain, constipation, diarrhea, nausea, vomiting.

**Contraindications:**

Hypersensitivity to yeast, yeast products, glycerin (glycerol) or papain

**References:**

1. Blanco C, Carrillo T, Castillo R, et al, "Latex Allergy: Clinical Features and Cross-Reactivity With Fruits," *Ann Allergy*, 1994, 73(4):309-14. [PubMed [7943998](#)]
2. Focke M, Hemmer W, Wohrl S, et al, "Cross-reactivity Between *Ficus benjamina* Latex and Fig Fruit in Patients With Clinical Fig Allergy," *Clin Exp Allergy*, 2003, 33(7):971-7. [PubMed [12859455](#)]
3. Freye HB, "Papain Anaphylaxis: A Case Report," *Allergy Proc*, 1988, 9(5):571-4. [PubMed [3234762](#)]
4. Isola S, Ricciardi L, Saitta S, et al, "Latex Allergy and Fruit Cross-Reaction in Subjects Who Are Nonatopic," *Allergy Asthma Proc*, 2003, 24(3):193-7. [PubMed [12866323](#)]
5. Treem WR, McAdams L, Stanford L, et al, "Sacrosidase Therapy for Congenital Sucrose-Isomaltase Deficiency," *J Pediatr Gastroenterol Nutr*, 1999, 28(2):137-42. [PubMed [9932843](#)]
6. Sucraid (sacrosidase) oral solution [prescribing information]. Vero Beach, FL: QOL Medical, LLC; September 2018.
7. Puntis JW, Zamvar V. Congenital sucrase-isomaltase deficiency: diagnostic challenges and response to enzyme replacement therapy. *Arch Dis Child*. 2015;100(9):869-871.

**Revision History:**

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2/18/25	Yes	Howard Taekman, MD; Robert Sterling, MD	Added "glucose and fructose" as monosaccharide components. Updated dosing information and references