

**REFERENCIAS BIBLIOGRÁFICAS**

1. Sollid LM. Coeliac disease: Dissecting a complex inflammatory disorder. *Nature Rev* 2002;2:647-55.
2. Dieterich W, Ehnis T, Bauer M, Donner P, Volta U, Riecken EO, Schuppan D. Identification of tissue transglutaminase as the autoantigen of celiac disease. *Nature Med* 1997;3:797-801.
3. Karell K, Louka AS, Moodie SJ, Ascher H, Clot F, Greco L, Ciclitira PJ, Sollid LM, Partanen J. HLA types in celiac disease patients not carrying the DQA1\*05-DQB1\*02 (DQ2) heterodimer: results from the European Genetics Cluster on Celiac Disease. *Hum Immunol* 2003;64:469-77.
4. Kaukinen K, Partanen J, Maki M, Collin P. HLA-DQ typing in the diagnosis of celiac disease. *Am J Gastroenterol* 2002;97:695-9.
5. Hill ID, Dirks MH, Liptak GS, Colletti RB, Fasano A, Guandalini S, Hoffenberg EJ, Horvath K, Murray JA, Pivor M, Seidman EG. Guidelines for the diagnosis and treatment of celiac disease in children: Recommendations of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition. *J Pediatr Gastroenterol Nutr* 2005;40:1-19.
6. Catassi C, Ratsch IM, Fabiani E, Rossini M, Bordicchia F, Candela F, Coppa GV, Giorgi PL. Coeliac disease in the year 2000: exploring the iceberg. *Lancet* 1994;343(8891):200-3.
7. Bottaro G, Cataldo F, Rotolo N, Spina M, Corazza GR. The clinical pattern of subclinical/silent celiac disease: An analysis on 1026 consecutive cases. *Am J Gastroenterol* 1999; 94:691-6.
8. Green PH. The many faces of Celiac disease: Clinical presentation of Celiac disease in the adult population. *Gastroenterology* 2005;128(4 Suppl 1):S74-S78.
9. Schuppan D, Junker Y, Barisani D. Celiac disease: from pathogenesis to novel therapies. *Gastroenterology* 2009;137:1912-33.
10. Case S. The Gluten-Free Diet: How to provide effective education and resources. *Gastroenterology* 2005;128(4 Suppl 1):S128-S134.
11. Catassi C, Bearzi I, Holmes GK. Association of celiac disease and intestinal lymphomas and other cancers. *Gastroenterology* 2005;128(4 Suppl 1):S79-S86.
12. Bongiovanni TR, Clark AL, Garnett EA, Wojcicki JM, Heyman MB. Impact of gluten-free camp on quality of life of children and adolescents with celiac disease. *Pediatrics* 2010;125(3):e525-s529.
13. Dubé C, Rostom A, Sy R, Cranney A, Saloojee N, Garrity C, Sampson M, Zhang L, Yazdi F, Mamaladze V, Pan I, MacNeil J, Mack D, Patel D, Moher D. The prevalence of celiac disease in average-risk and at-risk Western European populations: A systematic review. *Gastroenterology* 2005;128(4 Suppl 1):S57-S67.
14. Walker-Smith JA, Guandalini S, Schmitz J, Schmerling DH, Visakorpi JK. Revised criteria for diagnosis of coeliac disease. Report of Working Group of European Society of Paediatric Gastroenterology and Nutrition. *Arch Dis Child* 1990;65:909-11.
15. Fasano A, Araya M, Bhatnagar S, Cameron D, Catassi C, Dirks M, *et al.* Celiac Disease Working Group. Federation of International Societies of Pediatric Gastroenterology,

- Hepatology, and Nutrition Consensus Report on celiac disease. *J Pediatr Gastroenterol Nutr* 2008; 47:214-9.
16. Rostom A, Dubé C, Cranney A, Saloojee N, Sy R, Garrity C, Sampson M, Zhang L, Yazdi F, Mamaladze V, Pan I, MacNeil J, Mack D, Patel D, Moher D. The diagnostic accuracy of serologic tests for celiac disease: A systematic review. *Gastroenterology* 2005;128(4 Suppl 1): S38-S46.
  17. Troncone R, Ferguson A. Antigliadin antibodies. *J Pediatr Gastroenterol Nutr* 1991;12: 150-58.
  18. Uibo O, Uibo R, Kleimola V, Jõgi T, Mäki M. Serum IgA antigliadin antibodies in adult population sample. High prevalence without celiac disease. *Dig Dis Sci* 1993;38:2034-7.
  19. Rastogi A, Malhotra V, Uppal B, Aggarwal V, Kalra KK, Mittal SK. Aetiology of chronic diarrhoea in tropical children. *Trop Gastroenterol* 1999;20:45-9.
  20. Lagerqvist C, Ivarsson A, Juto P, Persson LA, Hernell O. Screening for adult coeliac disease- which serological marker(s) to use? *J Internal Med* 2001;250:241-8.
  21. Sardy M, Odenthal U, Karpati S, Paulsson M, Smyth N. Recombinant human tissue transglutaminase ELISA for the diagnosis of gluten-sensitive enteropathy. *Clin Chem* 1999; 45:2142-9.
  22. Dieterich W, Laag E, Schopper H, Volta U, Ferguson A, Gillet H, Riecken O, Schuppan D. Autoantibodies to tissue transglutaminase as predictors of celiac disease. *Gastroenterology* 1998;115:1317-21.
  23. Catassi C, Fasano A, Corazza GR. The global village of Coeliac disease. Perspectives on Coeliac disease. Volume. II. AIC Press. New York: 2005. pp 45-56.
  24. Rosenstein RW, et al. Solid-phase assay employing capillary flow. US Patent number 4,855,240. Washington DC: 1989.
  25. Campbell RL, Wagner DB. Solid-phase assay with visual readout. US. Patent number 4703017. Washington DC: 1987.
  26. Rabasa B, Sagaro E, Fragoso T, Castañeda C, Gra B. Demonstration of celiac disease in Cuba. *Bol Med Hosp Infant Mex* 1980;37:587-97.
  27. Rabassa E, Sagaro E, Fragoso T, Castañeda C, Gra B. Coeliac disease in Cuban children. *Arch Dis Child* 1981;56:128-31.
  28. Sagaro E, Jiménez N. Family studies of celiac disease in Cuba. *Arch Dis Child* 1981;56: 132-3.
  29. Hill ID. Serologigal testing and diagnostic algorithms. En: The global village of Coeliac disease (Editores: Catassi C, Fasano A, Corazza GR). Perspectives on Coeliac disease. Volume II. AIC Press. New York: 2005. pp 131-35.
  30. Mainet González D, Galván Cabrera JA, Sorell Gómez L, Torres Cabrera MB, Abdo Cuza A, Castellano Gutiérrez R, Padrón Brito N, Palenzuela Gardon D, Novoa Pérez LI. Evaluación preliminar de un inmunoanálisis de un solo paso, cualitativo y rápido de Troponina I cardíaca en el diagnóstico del infarto agudo del miocardio. *Invest Clin* 2004; 45:221-42.
  31. Torres E, Muñoz M, et al. Validación clínica del inmunoensayo rápido BioLine-hCG para el diagnóstico precoz del embarazo BioLine-hCG. *Rev Cubana Med* 1998;37:131-5.
  32. Sorell L, Garrote JA, Acevedo B, Arranz E. One-step immunochromatographic assay for screening of celiac disease. *Lancet* 2002;359(9310):945-6.
  33. Gee, SJ. On fitful or recurrent vomiting. *St Bart Hosp Rep* 1882;18:1-6.
  34. Gee S, Herter CA, Dicke WK. On the celiac disease. *St Bart Hosp Rep* 1888;24:17-20.

35. Dicke W. Coeliac disease: Investigation of harmful effects of certain types of cereals on patients with celiac disease. Doctoral Thesis. University of Utrecht. Utrecht: 1950.
36. Ciclitira PJ, Ellis HJ. *In vivo* gluten ingestion in celiac disease. *Dig Dis Sci* 1998;16:337-40.
37. Fasano A. Clinical presentation of Celiac disease in the pediatric population. *Gastroenterology* 2005;128(4 Suppl 1):S68-S73.
38. Bushara KO. Neurologic presentation of Celiac disease. *Gastroenterology* 2005;128(4 Suppl 1):S92-S97.
39. Fasano A, Berti I, Gerarduzzi T, Not T, Colletti RB, Drago S, Elitsur Y, Green PH, Guandalini S, Hill ID, Pietzak M, Ventura A, Thorpe M, Kryszak D, Fornaroli F, Wasserman SS, Murray JA, Horvath K. Prevalence of celiac disease in at-risk and not-at-risk groups in the United States: A large multi-center study. *Arch Intern Med* 2003;163:286-92.
40. Schober E, Rami B, Granditsch G, Crone J. Coeliac disease in children and adolescents with type 1 diabetes mellitus: To screen or not, to treat or not? *Horm Res* 2002;57(Suppl 1):97-100.
41. Arranz E, Telleria J, Sanz A, Martin J, Alonso M, Calvo C, Blanco Quiroz A. HLA-DQA1\*0501 and DQB1\*02 homozygosity and disease susceptibility in Spanish celiac patients. *Exp Clin Immunogenet* 1997;14:286-90.
42. Sollid LM, Markussen G, Ek J, Gjerde H, Vartdal F, Thorsby E. Evidence for a primary association of celiac disease to a particular HLA-DQ  $\alpha/\beta$  heterodimer. *J Exp Med* 1989;169:345-50.
43. Amin R, Murphy N, Edge J, Ahmed ML, Acerini CL, Dunger DB. A longitudinal study of the effects of a gluten-free diet on glycemic control and weight gain in subjects with type 1 diabetes and celiac disease. *Diabetes Care* 2002;25:1117-22.
44. Cronin CC, Shanahan F. Insulin-dependent diabetes mellitus and celiac disease. *Lancet* 1997;349(9058):1096-7.
45. Rumbo M, Chirdo FG, Ben R, Saldungaray I, Villalobos R. Evaluation of coeliac disease serological markers in Down syndrome patients. *Dig Liver Dis* 2002;34:116-21.
46. Bonamico M, Mariani P, Danesi HM, Crisogianni M, Failla P, Gemme G, Quartino AR, Giannotti A, Castro M, Balli F, Lecora M, Andria G, Guariso G, Gabrielli O, Catassi C, Lazzari R, Balocco NA, De Virgiliis S, Culasso F, Romano C. Prevalence and clinical picture of celiac disease in italian Down syndrome patients: A multicenter study. *J Pediatr Gastroenterol Nutr* 2001;33:139-43.
47. Dahlbom I, Korponay-Szabó IR, Kovács JB, Szalai Z, Mäki M, Hansson T. Prediction of clinical and mucosal severity of coeliac disease and dermatitis herpetiformis by quantification of IgA/IgG serum antibodies to tissue transglutaminase. *J Pediatr Gastroenterol Nutr* 2010;50:140-6.
48. Herrero González JE. Clinical guidelines for the diagnosis and treatment of dermatitis herpetiformis. *Actas Dermosifiliogr* 2010;101:820-6.
49. Cataldo F, Lio D, Marino V, Picarelli A, Ventura A, Corraza GR. IgG(1) antiendomysium and IgG anti-tissue Transglutaminase (anti-t TG) antibodies in coeliac patients with selective IgA deficiency. Working Groups on Coeliac Disease of SIGEP (Sociedad Italiana de Gastroenterología y Hepatología) and Club del Tenue. *Gut* 2000;47:366-9.
50. Rubio Tapia A, Murray JA. The liver in celiac disease. *Hepatology* 2007;46:1650-8.
51. Stagi S, Giani T, Simonini G, Falcini F. Thyroid function, autoimmune thyroiditis and coeliac disease in juvenile connective tissue diseases. *Clin Exp Rheumatol* 2005;23:277.

52. Ch'ng CL, Biswas M, Benton A, Jones MK, Kingham JG. Prospective screening for coeliac disease in patients with Graves's hyperthyroidism using anti-gliadin and tissue transglutaminase antibodies. *Clin Endocrinol* 2005;62:303-6.
53. Mainardi E, Montanelli A, Dotti M, Nano R, Moscato G. Thyroid related autoantibodies and celiac disease: a role for a glutenfree diet? *J Clin Gastroenterol* 2002;35:245-8.
54. Biagi F, Campanella J, Soriani A, Vailati A, Corazza GR. Prevalence of coeliac disease in Italian patients affected by Addison's disease. *Scand J Gastroenterol* 2006;41:302-5.
55. Lodha A, Haran M, Hollander G, Frankel R, Shani J. Celiac disease associated with dilated cardiomyopathy. *South Med J* 2009;102:1052-4.
56. Lionetti E, Francavilla R, Pavone P, Pavone L, Francavilla T, Pulvirenti A, Giugno R, Ruggieri M. The neurology of coeliac disease in childhood: What is the evidence? A systematic review and meta-analysis. *Dev Med Child Neurol* 2010;52:700-7.
57. Kalaydjian AE, Eaton W, Casella N, Fasano A. The gluten connection: The association between schizophrenia and celiac disease. *Acta Psychiatr Scand* 2006;113:82-90.
58. Wei J, Hemmings GP. Gene, gut and schizophrenia: The meeting point for the gene-environment interaction in developing schizophrenia. *Med Hypot* 2005;64:547-52.
59. Gillberg C, Wing L. Autism: not an extremely rare disorder. *Acta Psychiatrica Scandinavica* 1999;99:399-406.
60. Cernibori A, Gobbi G. Partial seizures, cerebral calcifications and celiac disease. *Ital J Neurol Sci* 1995;16:187-91.
61. Knivsber AM, Reichelt KL, Nodland M. Reports on dietary intervention in autistic disorders. *Nutr Neurosci* 2001; 4:25-37.
62. Knivsberg AM, Reichelt KL, Hoen T, Nodland M. A randomised, controlled study of dietary intervention in autistic syndromes. *Nutr Neurosci* 2002;5:251-61.
63. Bayless TM, Kapelowitz RF, Shelley WM, Ballinger WF, Hendrix TR. Intestinal ulceration: A complication of celiac disease. *N Engl J Med* 1967;276:996-1002.
64. Di Sabatino A, Corazza GR. Coeliac disease. *Lancet* 2009;373(9673):1480-93.
65. Green PH. Mortality in celiac disease, intestinal inflammation, and gluten sensitivity. *JAMA* 2009;302:1225-6.
66. Garrido A, Luque A, Vázquez A, Hernández JM, Alcántara F, Márquez JL. Primary small bowel neoplasms as a complication of celiac disease. *Gastroenterol Hepatol* 2009;32:618-21.
67. Corrao G, Corazza GR, Bagnardi V, Brusco G, Ciacci C, Cottone M, *et al*; for the Club del Tenue Study Group. Mortality in patients with coeliac disease and their relatives: A cohort study. *Lancet* 2001;358(9279):356-61.
68. Askling J, Linet M, Gridley G, Halstensen TS, Ekstrom K, Ekbom A. Cancer incidence in a population-based cohort of individuals hospitalized with celiac disease or dermatitis herpetiformis. *Gastroenterology* 2002;123:1428-35.
69. Scotta MS, Salvatore S, Salvatoni A, De Amici M, Ghiringhelli D, Broggini M, Nespoli L. Bone mineralization and body composition in young patients with celiac disease. *Am J Gastroenterol* 1997;92:1331-34.
70. Ozgör B, Selimoğlu MA. Coeliac disease and reproductive disorders. *Scand J Gastroenterol* 2010;45:395-402.
71. Mearin ML, Ivarsson A, Dickey W. Coeliac disease: Is it time for mass screening? *Best Pract Res Clin Gastroenterol* 2005;19:441-52.

72. Steens RF, Csizmadia CG, George EK, Ninaber MK, Hira Sing RA, Mearin ML. A national prospective study on childhood celiac disease in the Netherlands 1993-2000: An increasing recognition and changing clinical picture. *J Pediatr* 2005;147:239-43.
73. Maki M, Mustalahti K, Kokkonen J, Kulmala P, Haaplahti M, Karttunen T, Clonen J, Laurila K, Dahlbom I, Asno T, Hopfl P, Knip M. Prevalence of celiac disease among children in Finland. *N Engl J Med* 2003;348:2517-24.
74. Megiorni F, Mora B, Bonamico M, Barbato M, Montuori M, Viola F, Trabace S, Mazzilli MC. HLA-DQ and susceptibility to celiac disease: evidence for gender differences and parent-of-origin effects. *Am J Gastroenterol* 2008;103:997-1003.
75. Myléus A, Ivarsson A, Webb C, Danielsson L, Hernell O, Höglberg L, Karlsson E, Lagerqvist C, Norström F, Rosén A, Sandström O, Stenhammar L, Stenlund H, Wall S, Carlsson A. Celiac disease revealed in 3% of Swedish 12-year-olds born during an epidemic. *J Pediatr Gastroenterol Nutr* 2009;49:170-6.
76. Carlsson AK, Axelsson IE, Borulf SK, Bredberg AC, Ivarsson SA. Serological screening for celiac disease in healthy 2.5 year old children in Sweden. *Pediatrics* 2001;107:42-5.
77. Cavell B, Stemhammar L, Asher H, Danielsson L, Dannaeus A, Lindberg T, Lindquist B. Increasing incidence of childhood coeliac disease in Sweden. Result of a National study. *Acta Paediatr* 1992;81:589-92.
78. Catassi C, Fabiani E, Rätsch IM, Coppa GV, Giorgi PL, Pierdomenico R, et al. The coeliac iceberg in Italy. A multicentre antigliadin antibodies screening for coeliac disease in school-age subjects. *Acta Paediatr Suppl* 1996;412:29-35.
79. Fernández A, González L, de la Fuente J. Coeliac disease: clinical features in adult populations. *Rev Esp Enferm Dig* 2010;102:466-71.
80. Catassi C, Rätsch IM, Gandolfi L, Pratesi R, Fabiani E, El Asmar R, Frijia M, Bearzi I, Vizzoni L. Why is coeliac disease endemic in the people of the Sahara? *Lancet* 1999;354(9179):647-8.
81. Bahari A, Karimi M, Sanei-Moghaddam I, Firouzi F, Hashemi M. Prevalence of celiac disease among blood donors in Sistan and Baluchestan Province, Southeastern Iran. *Arch Iran Med* 2010;13:301-5.
82. Bharadwaj L, Sharma A. Celiac disease in India. *Indian J Gastroenterol* 2008;27:174.
83. Mustalahti K, Catassi C, Reunanen A, Fabiani E, Heier M, McMillan S, Murray L, Metzger MH, Gasparin M, Bravi E, Mäki M; for the Coeliac EU Cluster, Project Epidemiology. The prevalence of celiac disease in Europe: Results of a centralized, international mass screening project. *Ann Med* 2010;42:587-95.
84. Collin P. Should adults be screened for celiac disease? What are the benefits and harms of screening? *Gastroenterology* 2005;128(4 Suppl 1):S104-S108.
85. Schuppan D, Hahn EG. Gluten and the gut— lessons for immune regulation. *Science Biomedicine* 2002;297(5590):2218-20.
86. Nilsen EM, Lundin KE, Krajci P, Scott H, Sollid LM, Brandtzaeg P. Gluten specific, HLA-DQ restricted T cells from celiac mucosa produce cytokines with Th1 or Th0 profile dominated by interferon gamma. *Gut* 1995;37:766-76.
87. Lundin KE, Scott H, Hansen T, Paulsen G, Halstensen TS, Fausa O, Thorsby E, Sollid LM. Gliadin-specific, HLA-DQ ( $\alpha 1^*0501$ ,  $\beta 1^*0201$ ) restricted T cells isolated from the small intestinal mucosa of celiac disease patients. *J Exp Med* 1993;178:187-96.

88. Qiao SW, Bergseng E, Molberg O, Xia J, Fleckenstein B, Khosla C, Sollid LM. Antigen presentation to celiac lesion-derived T cells of a 33-mer gliadin peptide naturally formed by gastrointestinal digestion. *J Immunol* 2004;173:1757-62.
89. Anderson RP, Degano P, Godkin AJ, Jewell DP, Hill AV. In vivo antigen challenge in celiac disease identifies a single transglutaminase-modified peptide as a dominant A-gliadin T-cell epitope. *Nature Medicine* 2000;6:337-42.
90. Arentz-Hansen H, Körner R, Molberg O, Quarsten H, Vader W, Kooy YM, Lundin KE. The intestinal T cell response to a-gliadin in adult celiac disease is focused on a single deaminated glutamine targeted by tissue transglutaminase. *J Exp Med* 2000;191:603-12.
91. Hüe S, Mention JJ, Monteiro RC, Zhang S, Cellier C, Schmitz J, Verkarre V, Fodil N, Bahram S, Cerf-Bensussan N, Caillat-Zucman S. A direct role for NKG2D/MICA interaction in villous atrophy during celiac disease. *Immunity* 2004;21:367-77.
92. Maiuri L, Ciacci C, Ricciardelli I, Vacca L, Raia V, Auricchio S, Picard J, Osman M, Quaratino S, Londei M. Association between innate response to gliadin and activation of pathogenic T cells in coeliac disease. *Lancet* 2003;362(9377):30-7.
93. Louka AS, Sollid LM. HLA in coeliac disease: Unraveling the complex genetics of a complex disorder. *Tissue Antigens* 2003;61:105-17.
94. Polvi A, Arranz E, Fernández Arquero M, Collin P, Mäki M, Sanz A, Calvo C, Maluenda C, Westman P, de la Concha EG, Partanen J. HLADQ2-negative celiac disease in Finland and Spain. *Hum Immunol* 1998;59:169-75.
95. De la Concha EG. Celiac disease: etiology and susceptibility. *An R Acad Nac Med (Madrid)* 2007;124:813-24.
96. Greco L, Corazza G, Babron MC, Clot F, Fulchignoni-Lataud MC, Percopo S. Genome search in celiac disease. *Am J Hum Genet* 1998;62:669-75.
97. Lammers KM, Lu R, Brownley J, Lu B, Gerard C, Thomas K, Rallabhandi P, Shea-Donohue T, Tamiz A, Alkan S, Netzel-Arnett S, Antalis T, Vogel SN, Fasano A. Gliadin induces an increase in intestinal permeability and zonulin release by binding to the chemokine receptor CXCR3. *Gastroenterology* 2008;135:194-204.
98. Gianfrani C, Levings MK, Sartirana C, Mazzarella G, Barba G, Zanzi D, Camarca A, Iaquinto G, Giardullo N, Auricchio S, Troncone R, Roncarolo MG. Gliadin-specific type 1 regulatory T cells from the intestinal mucosa of treated celiac patients inhibit pathogenic T cells. *J Immunol* 2006;177:4178-86.
99. Molberg O, McAdam SN, Körner R, Quarsten H, Kristiansen C, Madsen L, Fugger L, Scott H, Norén O, Roepstorff P, Lundin KE, Sjöström H, Sollid LM. Tissue transglutaminase selectively modifies gliadin peptides that are recognized by gut-derived T cells in celiac disease. *Nature Medicine* 1998;4:713-7.
100. Ellis HJ, Pollock EL, Engel W, Fraser JS, Rosen-Bronson S, Wieser H, Ciclitira PJ. Investigation of the putative immunodominant T cell epitopes in celiac disease. *Gut* 2003;52:212-7.
101. Fraser JS, Engel W, Ellis HJ, Moodie SJ, Pollock EL, Wieser H, Ciclitira PJ. Coeliac disease: in vivo toxicity of the putative immunodominant epitope. *Gut* 2003;52:1698-1702.
102. Koning F. The molecular basis of celiac disease. *J Mol Recognition* 2003;16:333-6.
103. Arentz-Hansen H, McAdam SN, Molberg O, Fleckenstein B, Lundin KE, Jorgensen TJ, Jung G. Celiac lesion T cells recognize epitopes that cluster in regions of gliadins rich in proline residues. *Gastroenterology* 2002;123:803-9.

104. Shan L, Molberg O, Parrot I, Hausch F, Filiz F, Gray GM, Sollid LM, Khosla C. Structural basis for gluten intolerance in celiac sprue. *Science* 2002;297(5590):2275-9.
105. Molberg O, Uhlen AK, Jensen T, Flaete NS, Fleckenstein B, Arentz-Hansen H, Raki M, Lundin KE, Sollid LM. Mapping of gluten T cell epitopes in the bread wheat ancestors. Implications for celiac disease. *Gastroenterology* 2005;128:393-401.
106. Vader LW, Stepnak DT, Bunnik EM, Kooy YM, de Haan W, Drijfhout JW, Van Veelen PA, Koning F. Characterization of cereal toxicity for celiac disease patients based on protein homology in grains. *Gastroenterology* 2003;125:1105-13.
107. van de Wal Y, Kooy Y, van Veelen P, Peña S, Mearin L, Papadopoulos G, Koning F. Selective deamination by tissue transglutaminase strongly enhances gliadin-specific T cell reactivity. *J Immunol* 1998;161:1585-8.
108. Vader W, Kooy Y, Van Veelen P, De Ru A, Harris D, Benckhuijsen W, Peña S, Mearin L, Drijfhout JW, Koning F. The gluten response in children with celiac disease is directed toward multiple gliadin and glutenin peptides. *Gastroenterology* 2002;122:1729-37.
109. Costantini S, Rossi M, Colonna G, Facchiano AM. Modelling of HLA-DQ2 and its interaction with gluten peptides to explain molecular recognition in celiac disease. *J Mol Graph Model* 2005;23:419-31.
110. Kim CY, Quarsten H, Bergseng E, Khosla C, Sollid LM. Structural basis for HLA-DQ2-mediated presentation of gluten epitopes in celiac disease. *Proc Nat Acad Sci* 2004; 101:4175-79.
111. Forsberg G, Hernell O, Melgar S, Israelsson A, Hammarström S, Hammarström ML. Paradoxical coexpression of proinflammatory and down-regulatory cytokines in intestinal T cells in childhood celiac disease. *Gastroenterology* 2002;123:667-78.
112. Nilsen EM, Jahnson FL, Lundin KE, Johansen FE, Fausa O, Sollid LM, Jahnson J, Scott H, Brandtzaeg P. Gluten induces an intestinal cytokine response strongly dominated by interferon gamma in patients with celiac disease. *Gastroenterology* 1998;115:551-63.
113. Troncone R, Gianfrani C, Mazzarella G, Greco L, Guardiola J, Auricchio S, De Berardinis P. The majority of gliadin-specific T cell clones from the coeliac small intestinal mucosa produce both  $\gamma$ -interferon and IL-4. *Dig Dis Sci* 1998;43:156-61.
114. Monteleone G, Pender SL, Alstead E, Hauer AC, Lionetti P, McKenzie C, MacDonald TT. Role of interferon- $\alpha$  in promoting T helper cell type 1 response in the small intestine in coeliac disease. *Gut* 2001;48:425-9.
115. Trinchieri G, Pflanz S, Kastelein RA. The IL-12 family of heterodimeric cytokines: new players of T cell responses. *Immunity* 2003;195:641-4.
116. Salvati VM, MacDonald TT, Bajaj-Elliott M, Borrelli M, Staiano A, Auricchio S, Troncone R, Monteleone G. Interleukin 18 and associated markers of T helper cell type 1 activity in celiac disease. *Gut* 2002;50:186-90.
117. Maiuri L, Ciacci C, Auricchio S, Brown V, Quarantino S, Londei M. Interleukin-15 mediates epithelial changes in celiac disease. *Gastroenterology* 2000;119:996-1006.
118. Salvati VM, Mazzarella G, Gianfrani C, Levings MK, Stefanile R, De Giulio B, Iaquinto G, Giardullo N, Auricchio S, Roncarolo MG, Troncone R. Recombinant human interleukin 10 suppresses gliadin dependent T cell activation in *ex vivo* cultured coeliac intestinal mucosa. *Gut* 2005;54:46-53.
119. Beckett CG, Dell'Olio D, Kontakou M, Przemioslo RT, Rosen-Bronson S, Ciclitira PJ. Analysis of interleukin-4 and interleukin-10 and their association with the lymphatic infiltrate in the small intestine of patients with coeliac disease. *Gut* 1996;39:818-23.

120. Lionetti P, Pazzaglia A, Moriondo M, Azzari C, Resti M, Amorosi A, Vierucci A. Differing patterns of TGF- $\beta$  expression in normal intestinal mucosa and in active celiac disease. *J Pediatr Gastroenterol Nutr* 1999;29:308-13.
121. Chirdo FG, Millington OR, Beacock-Sharp H, McI Mowat A. Immunomodulatory dendritic cells in intestinal lamina propria. *Eur J Immunol* 2005;35:1831-40.
122. León F, Sánchez L, Camarero C, Roy G. Cytokine production by intestinal intraepithelial lymphocyte subsets in celiac disease. *Dig Dis Sci* 2005;50:593-600.
123. Ciccioppo R, Di Sabatino A, Bauer M, Della Riccia DN, Bizzini F, Biagi F, Cifone MG. Matrix metalloproteinase pattern in celiac duodenal mucosa. *Lab Invest* 2005;85: 397-407.
124. Daum S, Bauer U, Foss HD, Schuppan D, Stein H, Riecken EO, Ullrich R. Increased expression of RNAm for matrix metalloproteinase-1 and -3 and tissue inhibitor of metalloproteinase-1 in intestinal biopsy specimens from patients with coeliac disease. *Gut* 1999;44:17-25.
125. Meeuwisse GW. Diagnostic criteria in celiac disease. *Acta Paediatr Scand* 1970;59:461-3.
126. Burgin-Wolff A, Gaze H, Hadzisehmovic F, Huber H, Lentze MJ, Nusslé D, Reymond-Berthet C. Antigliadin and antiendomysium antibody determination for celiac disease. *Arch Dis Child* 1991;66:941-47.
127. Troncone R, Mayer M, Spagnuolo F, Muiri L, Greo L. Endomysial antibodies as unreliable markers for slight transgresions in adolescents with coeliac disease. *J Pediatr Gastroenterol Nutr* 1995;21:355-73.
128. Unsworth DH, Walker-Smith JA, Holborow EJ. Gliadin and reticulin antibodies in childhood celiac disease. *Lancet* 1983;1(8329):874-5.
129. Cataldo F, Marino V, Ventura A, Bottaro G, Corazza GR. Prevalence and clinical features of selective immunoglobulin A deficiency in coeliac disease: An Italian multicentre study. SIGEP Italian Society of Paediatric Gastroenterology and Hepatology and "Club del Tenue" Working Groups on Coeliac Disease. *Gut* 1998;42:362-5.
130. Suomalainen H, Isolauri E, Kaila M, Virtanen E, Arvilomnod H. Cow's milk provocation induce immune response to unrelated dietary antigens. *Gut* 1992;33:1179-83.
131. McCormi PA, Feighery C, Dolan D, O'Farrelly C, Kelliher P, Graeme-Cokk F, Finch A, Ward K, Fitzgerald M, O'Donoghue D. Altered gastrointestinal immune response in sarcoidosis. *Gut* 1988;29:1628-31.
132. Maki M, Hallstrom O, Vesikari T, Visakorpi JK. Evaluation of a serum IgA-class reticulin antibody test for the detection of childhood celiac disease. *J Pediatr* 1984;105:901-5.
133. Savilahti E, Pelkonen P, Verkasalo M, Koskimies S. Selective deficiency of immunoglobulin A. *Klin Pediatr* 1983;197:336-40.
134. Kapuscinska A, Zalewski T, Chorzelski TP, Sulej J, Beutner EH, Kumar V, Rossi T. Disease specificity and dynamics of changes in IgA class anti-endomysial antibodies in celiac disease. *J Pediatr Gastroenterol Nutr* 1987;6:529-34.
135. Berger E. Zur allergischen Pathogenese der Coliakie. *Bibliotheca Paediatrica* 1958; 67:1-55.
136. Arranz E, Bode J, Kingstone K, Ferguson A. Intestinal antibody pattern of coeliac disease: association with gamma/delta T cell receptor expression by intraepithelial lymphocytes, and other indices of potential coeliac disease. *Gut* 1994;35:476-82.

137. Kemp M, Husby S, Larsen MI, Sveliag SE. ELISA analysis of IgA subclass antibodies to dietary antigens. Elevated IgA1 antibodies in children with celiac disease. *Int Arch Allergy Appl Immunol* 1988;87:247-53.
138. Barners RM, Harvey MM, Blears J, Finn R, Jondon PM. IgG subclass of human serum antibodies reactive with dietary proteins. *Int Allergy Appl Immunol* 1986;81:141-7.
139. Arranz E, Blanco Quiros A, Alonso M, Calvo C, Telleira JJ, Guisasola JA, Sánchez Villares E. IgA1 anti-gliadin antibodies are the most specific in children with coeliac disease. *J Clin Nutr Gastroenterol* 1986;1:291-5.
140. Dickey W, McMillan SA, McCnim EE, Evans EE. Association between serum levels of total IgA and IgG class endomysial and antigliadin antibodies: implications for celiac screening. *Eur J Gastroenterol Hepatol* 1997;9:59-62.
141. Corazza GR, Biagi F, Andreani ML, Gasbarrini G. Screening test for celiac disease. *Lancet* 1997;349(9048):325-6.
142. Garrote JA, Sorell L, Alfonso P, Acevedo B, Ortigosa L., Ribes-Koninckx C, Gavilondo J, Méndez E. A novel visual immunoassay for coeliac disease screening. *Eur J Clin Invest* 1999;29:697-9.
143. Bode S, Gudmand-Hoyer E. Evaluation of the gliadin antibody test for diagnosing coeliac disease. *Scand J Gastroenterol* 1994;29:148-52.
144. Bode S, Weile B, Krasilnikoff PA, Gudmand-Hoyer E. The diagnostic value of the gliadin antibody test in celiac disease in children: a prospective study. *J Pediatr Gastroenterol Nutr* 1993;17:260-4.
145. Seah PP, Fry L, Hoffbrand AV, Holborow EJ. Tissue antibodies in dermatitis herpetiformis and adult coeliac disease. *Lancet* 1971;1(7704):834-6.
146. Seah PP, Fry L, Holborow EJ, Rossiter MA, Doe WF, Magalhaes AF, Hoffbrand AV. Antireticulin antibody: incidence and diagnostic significance. *Gut* 1973;14:311-5.
147. Wright R. Role of autoimmunity in disease of the gastrointestinal tract and liver. En: *Immunology of the gastrointestinal tract and liver* (Editores: Hayworth and Jones). New York: 1998. Pp 1993-2017.
148. Monteiro E, Menezes ML, Magalhaes Ramalho P. Anti-reticulin antibodies: a diagnostic and monitoring test for childhood coeliac disease. *Scand J Gastroenterol* 1986;21:955-7.
149. Chorzelkski T, Beutner E, Sulej J, Tchorzewska H, Jablonska S, Kumar V, Kapuschincka A. IgA anti-endomysial antibody. A new immunological marker of dermatitis herpetiformis and coeliac disease. *Br Dermatol* 1984;111:395-402.
150. Garrote JA, Blanco Quiros A, Alonso M, Calvo C, Izquierdo B. Usefulness of antiendomysial Antibodies as a serological marker in coeliac disease. *Pediatr Allergy Immunol* 1991;2:199-208.
151. Maki M, Hallstrom O, Marttin A. Reaction of human non-collagenous polypeptides with celiac disease autoantibodies. *Lancet* 1991;338(8769):724-5.
152. Kumar V, Beutner EH, Chorzelkski TP. Distribution of monkey esophagus antigens reactive with IgA-class antibodies in the sera of dermatitis herpetiformis patients. *Arch Dermatol Res* 1984;276:293-6.
153. Volta U, Nicolino M, Franceschi L, Fratangelo D, Bianchi FB. IgA Anti-Endomysial Antibodies on Human Umbilical Cord Tissue for Celiac Disease Screening. *Dig Dis Sci* 1995;40:1902-5.
154. Volta U., Molinaro N., de Francis R. Correlation between IgA endomysial antibodies and subtotal villous atrophy in dermatitis herpetiformis. *J Clin Gastroenterol* 1992;14:298-301.

155. Schuppan D, Hahn EG. IgA anti-tissue transglutaminase: setting the stage for celiac disease screening. *Eur J Gastroenterol Hepatol* 2001;13:635-7.
156. Seissler J, Boms S, Wohlrab U, Morgenthaler NG, Mothes T, Boehm BO, Scherbaum WA. Antibodies to human recombinant tissue transglutaminase measured by radioligand assay: Evidence for high diagnostic sensitivity for celiac disease. *Horm Metab Res* 1999;31:375-9.
157. Sulkunen S, Halttunen T, Laurila K, Kolho KL, Korponay-Szabó IR, Sarnesto A, Savilahti E, Collin P, Mäki M. Tissue transglutaminase autoantibody enzyme-linked immunosorbent assay in detecting celiac disease. *Gastroenterology* 1998;115:1322-28.
158. Amin M, Eckhardt T, Kapitza S, Fleckenstein B, Jung G, Seissler J, Weichert H, Richter T, Stern M, Mothes T. Correlation between tissue transglutaminase antibodies and endomysium antibodies as diagnostic markers of coeliac disease. *Clin Chim Acta* 1999; 282:219-25.
159. Bazzigaluppi E, Lampasona V, Barera G, Venerando A, Bianchi C, Chiumello G, Bonifacio E, Bosi E. Comparison of tissue transglutaminase-specific antibody assays with established antibody measurements for coeliac disease. *J Autoimmun* 1999;12:51-6.
160. Sollid LM, Lie BA. Celiac disease genetics: Current concepts and practical applications. *Clin Gastroenterol Hepatol* 2005;3:843-51.
161. Dolinsek J, Urlep D, Karell K, Partanem J, Micetic-Turk D. The prevalence of celiac disease among family members of celiac disease patients. *Wien Klin Wochenschr* 2004; 116(Suppl 2):8-12.
162. Stevens L, Rashid M. Gluten-free and regular foods: a cost comparison. *Can J Diet Pract Res* 2008;69:147-50.
163. Pietzak MM. Follow-up of patients with celiac disease: achieving compliance with treatment. *Gastroenterology* 2005;128(4 Suppl 1):S135-S141.
164. Sollid LM, Khosla C. Future therapeutic options for coeliac disease. *Nature Clin Pract* 2005;2:140-7.
165. Jelinek, T, Eichenlaub S, Loscher T. Sensitivity and specificity of a rapid immunochromatographic test for diagnosis of visceral leishmaniasis. *Eur J Clin Microbiol Infect Dis* 1999;18:669-70.
166. Reithinger R, Quinnell RJ, Alexander B, Davies CR. Rapid detection of *Leishmania infantum* infection in dogs: comparative study using an immunochromatographic dipstick test, enzyme-linked immunosorbent assay, and PCR. *Journal of Clinical Microbiology* 2002;40: 2352-56.
167. Engler KH, Efstratiou A, Norn D, Kozlov RS, Selga I, Glushkevich TG, Tam M, Melnikov VG, Mazurova IK. Immunochromatographic strip test for rapid detection of diphtheria toxin: Description and multicenter evaluation in areas of low and high prevalence of diphtheria. *J Clin Microbiol* 2002;4:80-3.
168. Anónimo. Millipore Corporation. A short guide for developing immunochromatographic test strips [36 screens]. Millipore Co. New York: 1996. Disponible en: <http://www.millipore.com/>. Fecha de última visita: 29 de Octubre del 2007.
169. van Bergen en Henegouwen PM, Leunissen JL. Controlled growth of colloidal gold particles and implications for labelling efficiency. *Histochemistry* 1986;85:81-7.
170. De Mey J. The preparation of immunoglobulin gold conjugates (IGS reagents) and their use as markers for light and electron microscopic immunocytochemistry. En: *Immunohistochemistry* (Editor: Cuello AC). Wiley. New York: 1983. pp.347-372.

171. Roth J. The colloidal gold marker system for light and electron microscopic cytochemistry. En: *Techniques in Immunocytochemistry* (Editores: Bullock GR, Petrusz P). Academic Press. New York: 1983. pp 217-284.
172. Valero N, Montiel M, Arias J, Fuentes B, Mavarez A, Nava L, Hernández J. Comparación entre los métodos de inmunocromatografía e inmunoensayo enzimático (ELISA) en el diagnóstico del dengue. *Kasmera* 2006;34(1):53-60.
173. Bell D, Go R, Miguel C, Walker J, Cacal L, Saul A. Diagnosis of malaria in a remote area of the Philippines: comparison of techniques and their acceptance by health workers and the community. *Bull World Health Organ* 2001;79:933-41.
174. Anónimo. New test generation. En: *Clinical Laboratory International*. Veda Laboratories. Reed Elsevier Publication. Brussels: 2000. Número 24. pp 13.
175. Sundar S, Reed SG, Singh VP, Kumar PC, Murray HW. Rapid accurate field diagnosis of Indian visceral leishmaniasis. *Lancet* 1998;351(9102):563-5.
176. Beristain CN, Rojkin LF, Lorenzo LE. Evaluation of a dipstick method for the detection of Human Immunodeficiency Virus infection. *J Clin Lab Anal* 1995;9:347-50.
177. Beesley J. Coloidal gold. A new perspective for cytochemical marking. En: *Royal Microscopical Society Handbook Number 17*. Oxford Science Publications. Oxford University Press. Oxford: 1989.
178. Gunter RG. Rational use of polymers, surfactants in dry reagent test systems. A course about theory and practice of rapid immunodiagnostic test. Biodot and Schlicher & Schuell. Milan: 1999. pp 12-13.
179. Ferre López S, Ribes Koninckx C, Genzor C, Gamen S, Peña L, Ortigosa L, Méndez E. Immunochromatographic sticks for tissue transglutaminase and antigliadin antibody screening in celiac disease. *Clin Gastroenterol Hepatol* 2004;2:480-4.
180. Olerup O, Alder A, Fogdell A. HLA-DQB1 and DQA1 typing by PCR amplification with sequence-specific primers (PCR-SSP) in two tours. *Tissue Antigens* 1993;41:119-34.
181. Landis JR, Koch GG. The measurement of observer agreement for categorical data. *Biometrics* 1977;33:159-74.
182. Cohen J. A coefficient of agreement for nominal scales. *Educ Psychol Meas* 1960; 20:37-46.
183. Martínez Canalejo H, Santana Porbén S. Manual de Procedimientos Bioestadísticos. Editorial Ciencias Médicas. La Habana: 1990.
184. Green PH, Cellier C. Celiac disease. *N Engl J Med* 2007;357:1731-43.
185. Marsh MN. Is celiac disease (gluten sensitivity) a premalignant disorder? *J Pediatr Gastroenterol Nutr* 1997;24:S25-S27.
186. Stokes PL, Prior P, Sorahan TM, McWalter RJ, Waterhouse JAT, Cooke WT. Malignancy in relatives of patients with coeliac disease. *Br J Pre Soc Med* 1976;30:17-21.
187. Sorell L, Acevedo B. Procedimiento para la detección de anticuerpos antitransglutaminasa con utilidad en el diagnóstico de la enfermedad celíaca. Patente Cubana número CU 22968 A1, presentada el 7 de Junio del 2000, y otorgada el 7 de Julio del 2004.
188. Albrecht RM, Simmons SR, Pawley JB. Correlative video-enhanced light microscopy, high voltage transmission electron microscopy, and field emission scanning electron microscopy for the localization of colloidal gold labels. En: *Immunocytochemistry: A Practical Approach* (Editor: Beesley JE). Oxford Univ Press. Oxford: 1993. pp 151-176.
189. Paek SH, Lee SH, Cho JH, Kim YS. Development of rapid one-step immuno-chromatographic assay. *Methods* 2000;22:55-60.

190. Deshpande SS. Enzyme Immunoassays: From Concept to Product Development. Chapman & Hall. New York: 1996. pp 464.
191. Pereira LF, Sapina AM, Arroyo J, Vinuelas J, Bardaji RM, Prieto L. Prevalence of selective IgA deficiency in Spain: More than we thought. *Blood* 1997;90:893.
192. Clark JA, Callicoat PA, Brenner NA, *et al.* Selective IgA deficiency in blood donors. *Am J Clin Path* 1983;80:210-3.
193. Carneiro-Sampaio MM, Carbonare SB, Rozentraub RB, de Araujo MN, Riberiro MA, Porto MH. Frequency of selective IgA deficiency among Brazilian blood donors and healthy pregnant women. *Allergol Immunopathol (Madrid)* 1989;17:213-6.
194. Henegham MA, Stevens FM, Cryam EM, Waner RH, McCarthy CF. Celiac sprue and immunodeficiency states: A 25 years review. *J Clin Gastroenterol* 1997;25:421-5.
195. Bazzigaluppi E, Roggero P, Parma B, Brambillasca MF, Meroni F, Mora S, Bosi E, Barera G. Antibodies to recombinant human tissue-transglutaminase in coeliac disease: diagnostic effectiveness and decline pattern after gluten-free diet. *Dig Liver Dis* 2006; 38:98-102.
196. Raivio T, Kaukinen K, Nemes E, Laurila K, Collin P, Kovács JB, Mäki M, Korponay-Szabó IR. Self transglutaminase-based rapid coeliac disease antibody detection by a lateral flow method. *Aliment Pharmacol Ther* 2006;24:147-54.
197. Altuntaş B, Gül H, Yarali N, Ertan U. Etiology of chronic diarrhea. *Indian J Pediatr* 1999; 66:657-61.
198. Carroccio A, Cavataio F, Montalto G, *et al.* Treatment of giardiasis reverses active coeliac disease to latent coeliac disease. *Eur J Gastroenterol Hepatol* 2001;13:1-5.
199. Freemark M, Levitsky L. Screening for celiac disease in children with type 1 diabetes. *Diabetes Care* 2003;26:1932-9.
200. Barera G, Bonfanti R, Viscardi M, Bazzigaluppi E, Calori G, Meschi F, Bianchi C, Chiumello G. Occurrence of celiac disease after onset of type 1 diabetes: a 6-year prospective longitudinal study. *Pediatrics* 2002;109:833-8.
201. Holmes GK. Celiac disease and type 1 diabetes mellitus– the case for screening. *Diabet Med* 2001;18:169-77.
202. Gale L, Wimalaratna H, Brotodiharjo A, Duggan JM. Down's syndrome is strongly associated with celiac disease. *Gut* 1997;40:492-6.
203. Book L, Hart A, Black J, Feolo M, Zone JJ, Neuhausen SL. Prevalence and clinical characteristics of celiac disease in Down's syndrome in a US study. *Am J Med Genet* 2001;98:70-4.
204. Cintado A, Companioni O, Nazabal M, Camacho H, Ferrer A, De Cossio ME, Marrero A, Ale M, Villarreal A, Leal L, Casalvilla R, Benítez J, Novoa L, Díaz-Horta O, Dueñas M. Admixture estimates for the population of Havana City. *Ann Hum Biol* 2009;36:350-60.
205. Herrera M, Theiler G, Augustovski F, Chertkoff L, Fainboim L, De Rosa S, Cowan EP, Satz ML. Molecular characterization of HLA class II genes in celiac disease patients of Latin American Caucasian origin. *Tissue Antigens* 1994;43:83.
206. Schuppan D. Current concepts of celiac disease pathogenesis. *Gastroenterology* 2000; 119:234-42.
207. Rostom A, Dubé C, Cranney A, Saloojee N, Sy R, Garrity C, Sampson M, Zhang L, Yazdi F, Mamaladze V, Pan I, McNeil J, Moher D, Mack D, Patel D. Celiac disease. *Evid Rep Technol Assess (Summ)* 2004;104:1-6.

208. Cataldo F, Montalto G. Celiac disease in the developing countries: A new and challenging public health problem. *World J Gastroenterol* 2007;13:2153-9.
209. Catassi C, Cobellis G. Coeliac disease epidemiology is alive and kicking, especially in the developing world. *Dig Liver Dis* 2007;39:908-10.
210. Crovella S, Brandao L, Guimaraes R, Filho JL, Arraes LC, Ventura A, Not T. Speeding up coeliac disease diagnosis in the developing countries. *Dig Liver Dis* 2007;39:900-2.
211. Gómez JC, Selvaggio GS, Viola M, Pizarro B, la Motta G, de Barrio S, Castelletto R, Echeverría R, Sugai E, Vázquez H, Mauriño E, Bai JC. Prevalence of celiac disease in Argentina: Screening of an adult population in the La Plata area. *Am J Gastroenterol* 2001;96:2700-4.
212. Catassi C, Doloretta Macis M, Rätsch IM, De Virgiliis S, Cucca F. The distribution of DQ genes in the Saharawi population provides only a partial explanation for the high celiac disease prevalence. *Tissue Antigens* 2001;58:402-6.
213. Porrata Maury C, para el Grupo Cubano de Estudio de los Factores de Riesgo y Enfermedades No Transmisibles. Consumo y preferencias alimentarias de la población cubana con 15 y más años de edad. *RCAN Rev Cubana Aliment Nutr* 2009;19:87-105.
214. Hoffenberg EJ, MacKenzie T, Barriga KJ, Eisenbarth GS, Bao F, Haas JE, Erlich H, Bugawan Tl T, Sokol RJ, Taki I, Norris JM, Rewers M. A prospective study of the incidence of childhood celiac disease. *J Pediatr* 2003;143:308-14.
215. Ascher H, Holm K, Kristiansson B, Mäki M. Different features of celiac disease in two neighboring countries. *Arch Dis Child* 1993;69:375-80.
216. Sorell L, Acevedo B. Assay for anti transglutaminase antibodies. European Patent number EP 1 164 375 B1. Bulletin 2006/31. Presentada el 6 de Junio del 2001, y otorgada el 2 de Agosto del 2006.
217. Sorell L, Acevedo B. Assay for anti transglutaminase antibodies detection useful in celiac disease diagnosis. US Patent number US 6, 905,835 B2. Presentada el 25 de Mayo del 2001, y otorgada el 14 de Junio del 2005.