



Esbach's albuminometer

<https://mhc.andornot.com/en/permalink/artifact8162>

Accession Number: 1981.26.5 a-b
 Collection: [University Health Network - Academy of Medicine Collection](#)
 Category: [Diagnostic & Treatment Artifacts](#)
 Classification: [Clinical Laboratory Diagnosis](#)
 MeSH Heading: [Urinalysis](#)
[Albuminuria](#)
 Description: A glass test tube graduated from 1/2-12 with a rubber stopper; cylindrical wooden case with screw-in base; Note: item is missing.
 Number Of Parts: 2
 Part Names: tube - Size: Length 16.5 cm x Diam. 1.5 cm
 case - Size: Length 21.5 cm x Diam. 3.0 cm
 Provenance: Acquired from the Academy of Medicine; source: Dr. Howard Alexander Lowrie of Toronto.
 Dates: 1900
 1950
 1900-1950
 Material: glass: clear
 wood: light brown
 rubber: grey
 Inscriptions: Etched on glass: "Esbach's albuminometer"
 Permanent Location: Storage Room 0010
 0010-F6-12
 Temporary Location: Item is missing.
 Condition Remarks: Case split.
 Copy Type: Original
 Reference Types: JPG
 Reference Comments: CD #UHN
 Research Facts: From Dr. Lowrie's 62-year Toronto practice. Instrument named for G.H. Esbach (1843-1890), a Paris physician; it is used to estimate protein in urine using Esbach's reagent (picric acid and citric acid in water).

Images





Plate LIV, Acanthosis Nigricans [medical illustration]

<https://mhc.andornot.com/en/permalink/artifact11504>

Accession Number: 1981.6.42
Author: Robert W. Taylor
Collection: [University Health Network - Academy of Medicine Collection](#)
Category: [Archival Items](#)
Classification: [Archival, Images](#)
MeSH Heading: [Acanthosis Nigricans -- pictorial works](#)
Description: Colour lithograph--Acanthosis nigricans.
Number Of Parts: 1
Provenance: Acquired from the Academy of Medicine; Dr. Gary Sibbald, Toronto General Hospital.
Maker: George S. Harris & Sons
Site Made (City): [Philadelphia](#)
Site Made (State): [Pennsylvania](#)
Site Made (Country): [United States of America](#)
Dates: 1889
1899
circa 1889-1899
Date Remarks: Date of The Clinical Atlas of Venereal and Skin Diseases and succeeding atlases
Material: paper: cream
Inscriptions: "Fig. 1 Acanthosis nigricans"; "Fig. 2 Acanthosis nigricans"; "Fig. 3 To show distribution of pigmentation (front)"; "Fig. 4 To show distribution of pigmentation (back)";
Permanent Location: Storage Room 2005
2005-1-2 Box B
Dimension Notes: Length 55.3 cm x Width 41.2 cm
Condition Remarks: Extremely brittle.
Copy Type: Original
Reference Types: Book
Other
JPG
Reference Comments: The Clinical Atlas of Venereal and Skin Diseases by Robert W. Taylor;
Prev. # 81.6.42

Images



Esbach's albuminometer

<https://mhc.andornot.com/en/permalink/artifact8713>



Accession Number: 1991.6.1

Collection: [University Health Network - Academy of Medicine Collection](#)

Category: [Diagnostic & Treatment Artifacts](#)

Classification: [Clinical Laboratory Diagnosis](#)

MeSH Heading: [Urinalysis](#)
[Albuminuria](#)

Description: A turned-wood cylindrical case fits over a stoppered glass tube sitting in a wooden mount so it stands upright.

Number Of Parts: 1

Provenance: Acquired from the Academy of Medicine; source: Mrs. P. Groner.

Dates: 1900
circa 1900

Material: wood: brown
glass: clear

Inscriptions: Wooden cylinder marked, "ALBUMINIMETRE // ESBACH" surrounding the maker's mark that has the letters "B P & Co" on a shield shape; the tube is marked lengthwise, "ALBUMINIMETRE S DR. ESBACH" and horizontally graduated in uneven divisions from 1/2 to 12; "-U" gives urine line, "-R" gives reagent line.

Permanent Location: Storage Room 0010
0010-F6-12

Length: 23.0 cm

Diameter: 4.6 cm

Unit Of Measure: centimeters

Condition Remarks: #2: wood cover has several stains and some minor scratches; there is a 7.5-cm crack from the opening to the middle; the inside tube has some white speckles on the glass; wooden base has a crack 3.0 cm long and 2.0 cm wide; shows moderate signs of wear; scratches and discolouration patches; cork is not broken; the glass tube has no cracks

Copy Type: Original

Research Facts: George Hubert Esbach (1843-1890) was a Paris physician; the apparatus is a simple way to precipitate protein out of urine using a reagent in order to estimate the protein level.

Exhibit History: "When Medicine Met Science," Museum of Health Care, April 29, 2003 - 25 Jan 2017
Agnes Etherington Art Centre - July 2002

Images



urine analysis set

<https://mhc.andornot.com/en/permalink/artifact6935>

Accession Number:	1976.6.32
Collection:	University Health Network - Academy of Medicine Collection
Category:	Diagnostic & Treatment Artifacts
Classification:	Clinical Laboratory Diagnosis
MeSH Heading:	Urinalysis Diabetes Mellitus Albuminuria
Description:	A fabric-lined leather case contains a urine analysis set.
Provenance:	Acquired from the Academy of Medicine; source: Dr. J. Hannah of Toronto; Dr. Weston L. Herriman.
Maker:	Parke, Davis & Co.
Dates:	1850 1900 1850-1900
Material:	leather: brown fabric: red glass: clear paper: red; white
Inscriptions:	On a label inside the case, below the vial: "URINARY TEST PAPERS // . . . // ALBUMIN AND SUGAR // . . . // PARKE, DAVIS & CO."
Permanent Location:	Storage Room 0010 0010-F6-12
Condition Remarks:	#2: case lid is totally detached from lower part and felt lining of lid is totally detached from lid; leather covering is worn, especially at corners; paper is yellowed and stained; no cracks or chips in glass
Copy Type:	Original
Reference Types:	Document
Reference Comments:	UHN artefact files;

Research Facts: This artefact is part of a set of surgical instruments belonging to Dr. Weston L. Herriman, who was one of the first nine students who graduated in 1855 from the newly formed School of Medicine at the Church of Scotland-affiliated University of Queen's College (1854, Kingston, Ont.). The nine senior students had transferred from the Anglican Upper Canada School of Medicine (Toronto) to the new school at Queen's.

Exhibit History: On exhibit "When Medicine Met Science," Case 9 Museum of Health Care, April 29, 2003 - 25 Jan 2017
 Agnes Etherington Art Centre - July 2002

Images



Clinitest pocket size urine analysis set

<https://mhc.andornot.com/en/permalink/artifact7336>

Accession Number: 1977.8.1 a-f
Collection: University Health Network - Academy of Medicine Collection
Category: Diagnostic & Treatment Artifacts
Classification: Clinical Laboratory Diagnosis
MeSH Heading: Urinalysis -- instrumentation
 Diabetes Mellitus
 Albuminuria

Description: A plastic case (f) with a top (e) that fits over the case contains (a) a bottle of tablets, (b) a test tube, (c) a dropper, and (d) a colour scale card, which has a brief set of instructions concerning the procedure and interpretation of results.

Number Of Parts: 6

Part Names:
 a - bottle - Size: Length 7.2 cm
 b - test tube - Size: Length 7.2 cm
 c - dropper - Size: Length 7.0 cm
 d - card - Size: Length 7.0 cm x Width 4.1 cm
 e - case top - Size: Length 4.7 cm x Width 3.4 cm x Depth 5.1 cm
 f - case bottom - Size: Length 5.1 cm x Width 3.4 cm x Depth 5.1 cm

Provenance: Acquired from the Academy of Medicine; source: Dr. J.W. Scott.
Maker: Ames Company, Inc.
Site Made (City): Elkhart
Site Made (State): Indiana
Site Made (Country): United States of America

Dates: 1950
1959
circa 1950-1959

Material: plastic: variegated; brown
glass: clear
rubber: red
metal: black
paper: white; blue

Inscriptions: Part of label on bottle reads: "36 CLINTEST REAGENT TABLETS // NO. 2107 // A TEST FOR URINE-SUGAR // U.S. PAT. APP'D FOR // POISON. // Active Ingredients: Copper Sulfate, Caustic Soda, Sodium Bicarbonate, Citric Acid."; the number on the side of the label is "C170-4106"; the plastic case has the registered trade name "CLINTEST" stamped into the case's top in two places; bottom half of case has the company name and address stamped into the bottom.

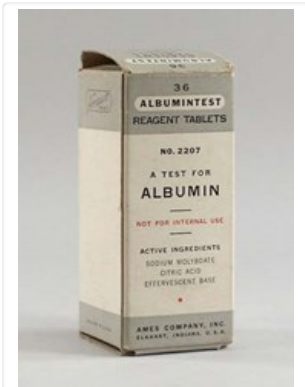
Permanent Location: Storage Room 0010
0010-F6-12

Copy Type: Original

Reference Types: JPG

Reference Comments: CD #UHN

Images



Albumintest reagent tablets

<https://mhc.andornot.com/en/permalink/artifact7362>

Accession Number: 1977.8.33 a-d

Collection: [University Health Network - Academy of Medicine Collection](#)

Category: [Diagnostic & Treatment Artifacts](#)

Classification: [Clinical Laboratory Diagnosis](#)

MeSH Heading: [Urinalysis](#)
[Albuminuria](#)

Description: Clear glass bottle (a) of Albumintest reagent tablets with black metal screw cap (b) housed in rectangular white and grey paper box (c) and folded paper instruction sheet (d); paper label affixed to the bottle contains information similar to that printed on the box.

Number Of Parts: 4

Part Names: a - bottle
b - box
c - cap d - instruction sheet

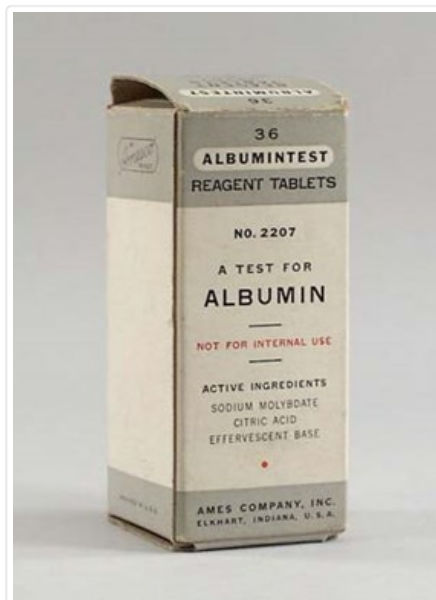
Provenance: Acquired from the Academy of Medicine; source: Dr. J. W. Scott.

Maker: Ames Company, Inc.

Site Made (City): [Elkhart](#)

Site Made (State): [Indiana](#)
Site Made (Country): [United States of America](#)
Dates: 1950
1960
circa 1950-1960
Material: paper: white, cream
ink: grey; white; red; black
glass: translucent
metal: black
Inscriptions: Printed on bottle label: "36 // ALBUMINTEST // REAGENT TABLETS // NO. 2207 // A TEST FOR // ALBUMIN // NOT FOR INTERNAL USE // ACTIVE INGREDIENTS // SODIUM MOLYBDATE // CITRIC ACID // EFFERVESCENT BASE // AMES COMPANY, INC. // E12 - 4105 // KEEP TIGHTLY CLOSED // AN // AMESCO // PRODUCT // To make reagent // solution dissolve one // tablet in each 4 cc of // water. // see instruction sheet // for testing methods // ELKHART, INDIANA, U.S.A.";
Permanent Location: Storage Room 0010
0010-A5-5 Box 3 Row D
Length: a - 7.1 cm b - 7.9 cm d - 16.5 cm
Width: b - 3.5 cm d - 13.4 cm
Depth: b - 3.5 cm
Diameter: a - 2.6 cm c - 2.3 cm
Unit Of Measure: centimeters
Dimension Notes: d - opened flat
Condition Remarks: Paper faded to tan on half of first section; box shows wear around edges; bottle in excellent condition; tablets inside bottle appear deteriorated
Copy Type: Original
Reference Types: Internet
Research Facts: Patients who have chronic liver disease and kidney disorders are at risk of developing abnormal Albumin concentrations in the blood. Albumin has special relevance to patients with diabetes because its presence in urine is a marker of diabetic kidney disease. The Albumin test allows for timely and accurate assessment of kidney disease; resulting in the correct adjustment of treatment and accurate monitoring of the complications of diabetes.

Images





Esbach's albuminometer

<https://mhc.andornot.com/en/permalink/artifact10600>

Accession Number: 997002339
Collection: [Queen's University Faculty of Medicine Collection](#)
Category: [Diagnostic & Treatment Artifacts](#)
Classification: [Clinical Laboratory Diagnosis](#)
MeSH Heading: [Urinalysis](#)
[Albuminuria](#)
Provenance: Collected by Dr. A.A. Travill for Queen's Faculty of Medicine
Permanent Location: Storage Room 0010
0010-F6-12
Copy Type: Original