

SUBJECT EXAMINATION PROGRAM

BASIC SCIENCE EXAMINATION

CONTENT AREA ITEM ANALYSIS SUMMARY REPORT



000000 - Generic Medical School

Reporting Group: Medical Students

Test Purpose: End-Of-Course/Clerkship

N Scored Items: 125

Test Date(s): mm/dd/yyyy

Order ID: A00000

N Examinees: 100

This report summarizes information provided in the content area item analysis report and the performance profile for this NBME® subject examination administered to your examinees during the test date(s) shown above. Mean item difficulty for each content area listed on the performance profile for this subject examination is reported in the following table. Mean item difficulty (p-value, proportion correct) represents the average difficulty of the items for the current group of examinees testing at your institution (Schl) during the dates specified above and the average projected difficulty of the items for examinees nationally (Natl). In addition, differences between the mean item difficulty for your examinees and for the national group are shown in the last column (Mean Difference). Please note that for multiple form administrations, item p-values contributing to the mean item difficulty for your institution may be based on small sample sizes.

Due to the instability of test statistics for categories with a small number of items, mean item difficulties are not provided for categories with fewer than 10 items per form. Since the average number of items for each content area varies, caution is advised when interpreting these item statistics. To aid in the interpretation of these statistics, the proportion of total test items that contribute to each content area is categorized as small ($\leq 15\%$), medium (16 – 30%), or large ($>30\%$). Please note that items may contribute to more than one content area.

For multiple form administrations, the number of examinees used to generate this report may be less than the total number of examinees tested due to minimum sample size form requirements for this report. As a result, the number of examinees and/or the number of scored items displayed may be different from what is reported on the roster.

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Content Area	Proportion of Total Test	Item Difficulty (p-value)		Mean Difference (Schl-Natl)
		Schl	Natl	
Cell Biology	Medium	.71	.67	.04
Genetics and Molecular Genetics	Large	.72	.70	.02
Metabolism and Nutrition	Large	.78	.65	.13
Proteins and Enzymes	Large	.76	.65	.11

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